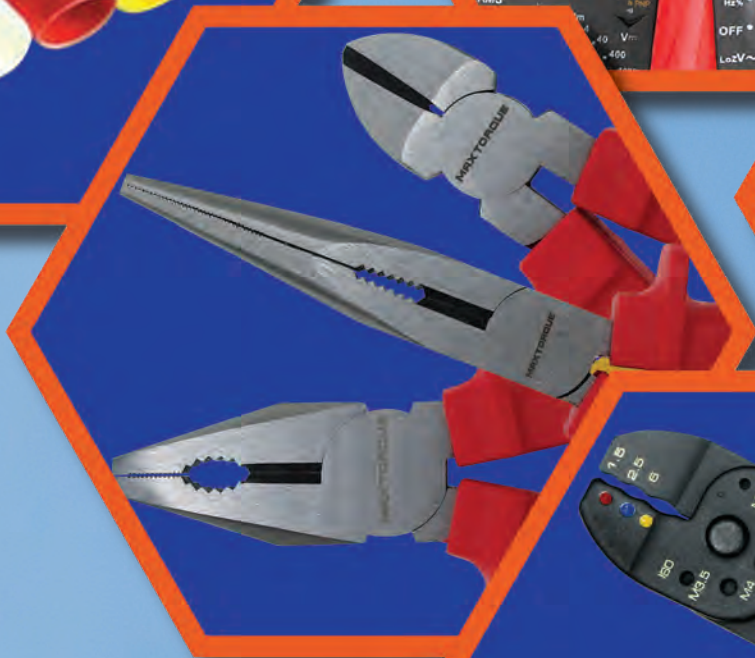




GENERAL PRODUCT CATALOGUE

INDEX

DIN Rails	2
Trunking - Slotted	2
Econo Trunking Solid PVC	2
Heavy Duty Solid Trunking	3
PVC Conduit Pipe	3
Line Taps	3
Connector Strips	4
Push-in Re-usable Connectors	4
Push-in Connectors	4
B50 Self Amalgamating Tape	5
Cloth Tape - Coroplast 839	5
Vinyl Tape for Electrical Insulation - Nitto #21	5
Woven Sleeving	6
Spiral Binding	6
MaxFlex Polypropelene	6
Grommets	7
Snap Bushings & Blanking Plates	7
Three-D Cable Ties PA66	8
Cable Ties	8
Cable Ties Accessories	11
Stainless Steel Cable Ties	12
Stainless Steel Cable Ties Acc.	13
Heatshrink	13
End Caps	16
Copper Flat Pins & Ferrules	16
XLPE Lugs	16
XLPE Ferrules	17
Copper Lugs	17
Aluminium Terminals - Round	18

INDEX

Aluminium 4 Core Sector Cable Lugs	18
Aluminium 3 Core Sector Cable Lugs	19
Pre-Insulated Terminals	20
End Sleeves (Boot Lace)	21
Cable Glands - Patrax	23
Cable Glands - Nylon	23
Tools - Soldering Irons	24
Tools - Wire Strippers	25
Tools - Crimpers	25
Tools - Hydraulic Pumps and Tools	29
Tools - Crimpers Hydraulic	29
Tools - Hole Punches & Cutters	29
Tools - Cutters	30
Tools - Screwdrivers	31
Tools - Pliers	31
Tools - Crimping Tools	32
Tools	33 - 35
Kits	35
Tool Bags	36
UNI-T - Ratings	37
UNI-T	38 - 65

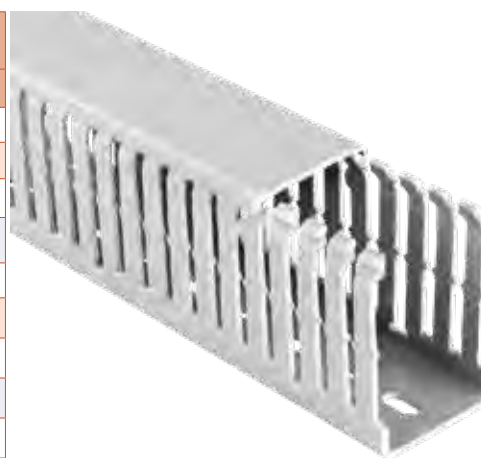
- *E & OE*
- *Images depicted in the catalogue do not represent the actual size of the product.*
- *Due to batch production, slight colour variations might occur on the product*



TYPE	Slotted DIN Rails	Plain Dotted DIN Rail	Plain DIN Rail
CODE NUMBER	HDR3575S	HDR3575DP	HDR3515P
DESCRIPTION	35 x 7.5 Slotted DIN Rail	35 x 7.5 Plain Dotted DIN Rail	35 x 15 Plain DIN Rail
STEEL GALVINISED	White passivated	White passivated	White passivated
COMPLIANCE	RoHS compliant	RoHS compliant	RoHS compliant

TRUNKING SLOTTED

	NARROW SLOT	
Size W X H (mm)	Part Number	Carton Quantity
25 X 25	K02525NSE	80/Box
25 x 40	K02540NSE	56/Box
25 x 60	K02560NSE	40/Box
25 x 80	K02580NSE	28/Box
40 x 40	K04040NSE	38/Box
40 x 60	K04060NSE	28/Box
40 x 80	K04080NSE	28/Box
60 x 40	K06040NSE	26/Box
60 x 60	K06060NSE	18/Box
60 x 80	K06080NSE	20/Box
80 x 40	K08040NSE	28/Box
80 x 60	K08060NSE	20/Box
80 x 80	K08080NSE	16/Box
100 x 60	K10060NSE	16/Box
100 x 80	K10080NSE	12/Box

**Features:**

A wide range of Ducts with tight fitting lids which are easy to snap on and off. The pegs have pre-determined break points for ease of modifying your cabling.

Narrow slot 6mm and Normal Slot 8mm

Material: Rigid Lead Free PVC. Flame Retardant. In accordance with UL 94 V-O, Self-extinguishing, Thermally stable, ROHS, RAL Grey

Temperature Rating: -15°C~+60°C

Length 2000mm

ECONO TRUNKING SOLID PVC

Size W X H X L (mm)	Part Number	Colour	Bundle Quantity
16mm x 16mm x 2m	TYT1	White	20
16mm x 16mm x 3m	TYT1-3	White	20
25mm x 16mm x 3m	TYT2	White	20
40mm x 16mm x 3m	TYT3	White	10
40mm x 25mm x 3m	TYT4	White	10
40mm x 40mm x 3m	TYT5	White	10
50mm x 50mm x 3m	TYT6	White	10
15mm x 10mm x 2m	TYT7	White	20
15mm x 10mm x 3m	TYT8	White	20
100mm x 40mm x 3m	TNBT4	White	4
100mm x 50mm x 3m	TNBT5	White	4



HEAVY-DUTY SOLID TRUNKING

Size W X H X L (mm)	Part Number	Colour	Bundle Quantity
16mm x 16mm x 2m	TDYT1	White	20
16mm x 16mm x 3m	TDYT1-3	White	20
25mm x 16mm x 3m	TDYT2	White	20
25mm x 25mm x 3m	TDYT2.5	White	20
40mm x 16mm x 3m	TDYT3	White	10
40mm x 25mm x 3m	TDYT4	White	10
40mm x 40mm x 3m	TDYT5	White	10
100mm x 40mm x 3m	TDNBT4	White	4
3m white cornice trunking	TDYT5C	White	1
3m white cornice divider	TDYT5CD	White	1
50mm x 50mm x 3m	CLT1G	Grey	4
50mm x 50mm x 3m	CLT1W	White	4
75mm x 50mm x 3m	CLT2G	Grey	4
75mm x 50mm x 3m	CLT2W	White	4
75mm x 75mm x 3m	CLT3G	Grey	4
75mm x 75mm x 3m	CLT3W	White	4
100mm x 50mm x 3m	CLT4G	Grey	2
100mm x 50mm x 3m	CLT4W	White	2
100mm x 75mm x 3m	CLT5G	Grey	2
100mm x 75mm x 3m	CLT5W	White	2
100mm x 100mm x 3m	CLT6G	Grey	2
100mm x 100mm x 3m	CLT6W	White	2
48mm floor trunking 2m	FT48B	Black	1
48mm floor trunking 2m	FT48G	Grey	1
70mm floor trunking 2m	FT70B	Black	1
70mm floor trunking 2m	FT70G	Grey	1



Features:

- **Material:** IS4 White PVC, lead and cadmium free. Resistance to chemicals and aging.
- **Characteristics:** SABS IEC 61084:1919, EU REACH, ISO9001 compliant.
- **Combustibility:** Self extinguishing.
- **Chemical Resistance:** Resistant to most diluted and concentrated acids and alkalis, aqueous salts solutions.
- Resistant to mineral oils, vegetable oils, paraffin oils, alcohols, benzene, aliphatic hydrocarbons and higher fatty acids.

PVC CONDUIT PIPE

Size (Width)	Part Number	Length	Bundle Quantity
20mm	CON-PVC-20	4m	25
25mm	CON-PVC-25	4m	25
32mm	CON-PVC-32	4m	10
50mm	CON-PVC-50	4m	1

SABS



THREE-D
AGENCIES
THE CABLE ACCESSORY COMPANY

LINE TAPS

Part Number	Size
HSBC-16	16mm
HSBC-25	25mm
HSBC-35	35mm
HSBC-50	50mm
HSBC-70	70mm
HSBC-95	95mm



CONNECTOR STRIPS

Ampere	Part Number	Colour	UITS
3amp	M03A-BSQ	BLACK	1 Strip
3amp	M03A-CSQ	CLEAR	1 Strip
5amp	M05A-BSQ	BLACK	1 Strip
5amp	M05A-CSQ	CLEAR	1 Strip
10amp	M010A-BRD	BLACK	1 Strip
15amp	M15A-BRD	BLACK	1 Strip
15amp	M15A-CRD	CLEAR	1 Strip
30amp	M30A-BRD	BLACK	1 Strip
30amp	M30A-CRD	CLEAR	1 Strip
60amp	M60A-BSQ	BLACK	1 Strip
60amp	M60A-CSQ	CLEAR	1 Strip



PUSH-IN RE-USABLE CONNECTORS



Solid Conductor Wire Range	mm ²	0.2 ~4.0
	AWG	
Stranded Conductor Wire Range	mm ²	0.2 ~4.0
	AWG	
Fine-stranded Conductor Wire Range	mm ²	0.2 ~4.0
	AWG	
Colour		Transparent, Orange
Certificate		UL, CE, ENEC, UKCA, REACH, RoHS
Housing Material		Polycarbonate (PC), Polyamide (PA), UL 94V-0
Operating Temperature (°C)	UL	105
	IEC/EN	85
Rated Voltage	UL	600V
	IEC/EN	450V
Rated Current		32A



Wire Size (mm ²)	Part Number	Port	QTY / Packet
0.2 ~4.0	TIL62-2	2	100
0.2 ~4.0	TIL62-3	3	100
0.2 ~4.0	TIL62-5	5	100



PUSH-IN CONNECTORS



Solid Conductor Wire Range	mm ²	0.5 ~ 2.5
	AWG	
Stranded Conductor Wire Range	mm ²	1.0 ~ 2.5
	AWG	
Fine-stranded Conductor Wire Range	mm ²	1.0 ~ 2.5
	AWG	
Certificate		UL, CE, , DVE, ENEC, CQC, REACH, RoHS
Housing Material		Polycarbonate (PC), UL 94V-0
Port		2
Operating Temperature (°C)	UL	105
	IEC/EN	85
Rated Voltage	UL	600V
	IEC/EN	450V
Rated Current		24A



Wire Size (mm ²)	Part Number	Port	QTY / Packet
1 ~ 2.5	TIC35-2	2	100
1 ~ 2.5	TIC35-3	3	100
1 ~ 2.5	TIC35-4	4	100
1 ~ 2.5	TIC35-6	6	100



B50 SELF AMALGAMATING TAPE

Description:

B50 Self-amalgamating EPR rubber tape is non sticky but bonds to itself within hours, This forms a homogeneous moulding which is waterproof and electrically insulating. To apply remove the separator film, gently stretch and wrap with a 50% overlap.

Properties	Typical Values
Electrical resistivity (Ω/cm)	10^{14}
Dielectric power factor (%)	0.3
Dielectric strength (kV/mm)	25
Tensile strength (kg/mm)	0.2
Elongation at break (%)	600
Thickness (mm)	0.75
Width (mm)	18
Length (Roll (m)	10

Features:

- Sealing, Insulating and Waterproofing
- Water, ozone and corona resistant
- Suitable for use in HV and MV applications
- High dielectric strength
- Forms stable, long lasting joint
- Excellent UV resistance
- For in and outdoor applications

Applications:

- Waterproofing of power cable joints
- Corrosion protection if wrapped into metal pipes
- Temporary repairs to waterhouse and pipe leaks
- Soft non-slip handgrip in sports racquets and bicycles.



CLOTH TAPE - COROPLAST 839



Applications, Properties & Advantages:

- For bundling and binding wire harnesses
- For the presentation of an abrasion resistant and/or attractive appearance
- Dense textile structure
- Resistant to ageing and rotting
- Very good resistance to cold and heat
- Easy to tear by hand
- Extremely heat-resistant (up to +150°C)
- Excellent resistance to motor vehicle operating fluids
- Solvent-free acrylic adhesive

WIDTH (mm)	PART NUMBER	THICKNESS	TEXTURE	LENGTH	COLOUR
19mm	855019	0.17mm	Rough	25m	Black
19mm	839019	0.17mm	Smooth	25m	Black
9mm	855009	0.17mm	Rough	25m	Black
9mm	811009	0.17mm	Smooth	25m	Black

VINYL TAPE FOR ELECTRICAL INSULATION - NITTO NO 21

PART NUMBER	COLOUR
NITTO 21-0	Black
NITTO 21-2	Red
NITTO 21-4	Yellow
NITTO 21-5	Green
NITTO 21-6	Blue
NITTO 21-9	White
NITTO 21-4/5	Green/Yellow

Thickness	Width	Length
0.2mm / 7.87 mil	19mm / 075 in	20m / 21yd

Properties	Unit	No.21
Adhesive strength	N/19mm & oz/in width	3.95 N/19 / 19 oz/in
Tensile strength		64.7 N/19mm / 311 oz/in
Elongation	%	240
Volume Resistivity	log ohm cm	13.8
Withstand Voltage	add 5000V 1minute	Withstand



Features:

- Environmentally- friendly, lead-free type vinyl tape for electrical insulation
- Offers excellent electrical insulation. Properties do not deteriorate after using, so it continues to provide reliable insulation.
- Has minimal flagging, and offers reliability for wiring.
- Easily cut by hand
- Superior initial adhesion
- Convenient for color coding of wiring with 7 color variation.

WOVEN SLEEVING

SIZE ID (mm)	PART NUMBER	STANDARD SPOOL LENGTH
3	53058	1000m
4	53059	500m
5	53060	500m
6	53061	500m
8	53062	350m
10	53063	350m
12	53064	300m
14	53066	250m
15	53065	250m
16	53067	250m
20	53068	200m
25	53069	200m
30	53070	150m
35	53071	100m
40	53072	100m
45	53075	100m
50	53073	100m
64	53074	100m
76	53076	50m



Features:

Polyester Expandable Sleeve. Flame Retardant and Halogen Free. Durable Abrasion Resistance. The open weave allows for easy installation on a bundle of Cables, Wires or Hoses. Totally expanded, the sleeving can reach at least 1.5 times the initial dimension.

Material:	Polyester. Flamability VW-1
Standard Colour	Black
Certification	UL. CSA, RoHS, PFOS, REACH, Halogen Free
Cutting Tool	Hot Knife
Operating Temperature	-50°C~+150°C
Melting Point	+240±10°C

SPIRAL BINDING

Part number	Size Diameter mm	Colour
C0201	3 (50m)	Natural
C0205	6 (50m)	Natural
C0207-N	8 (50m)	Natural
C0209	12 (25m)	Natural
C0219-1	19 (30m)	Natural
C0200	3 (50m)	Black
C0204	6 (50m)	Black
C0207	8 (50m)	Black
C0208	12 (25m)	Black
C0219-0	19 (30m)	Black



MAXFLEX - POLYPROPELENE

MAXFLEX

		
Part number	Size mm OD x ID	Colour
MFPP1007-BK* (Split or Un-Split)	10x07	Black
MFPP1411-BK* (Split or Un-Split)	14x11	Black
MFPP1612-BK* (Split or Un-Split)	16x12	Black
MFPP2015-BK* (Split or Un-Split)	20x15	Black
MFPP2520-BK* (Split or Un-Split)	25x20	Black
MFPP1007- GY* (Split or Un-Split)	10x07	Grey
MFPP2015- GY* (Split or Un-Split)	20x15	Grey
MFPP2520- GY* (Split or Un-Split)	25x20	Grey



* Replace * with S=Split or U=Unsplit

GROMMETS - STANDARD, DIAPHRAGM & STRIPS



Part number	Size mm PH x ID x OD x PT (Panel Hole x Internal Diameter x Outside Diameter x Panel Thickness)
TDHV2214	6,4 x 4,8 x 0,8 x 9.6
TDHV3108	8,0 x 5,6 x 1.6 x 11.1
TDHV3109A	9,5 x 6,4 x 1.6 x 14.3
TDHV2156	9,5 x 7,9 x 1.6 x 14.3
TDHV2215	12,7 x 7,9 x 1.6 x 19.0
TDHV3110	12,7 x 9,5 x 1.6 x 17.5
TDHV3556A	14,3 x 11,0 x 3.2 x 19.0
TDHV2412	19,0 x 12,0 x 1.6 x 25.4
TDHV4512	21,0 x 19,0 x 1,2 x ??
TDHV2166C	25,4 x 22,2 x 3.2 x 38.9



Part number	Size mm PH x PT x OD(Panel Hole x Panel Thickness x Outside Diameter)
10187	20.0 x 14.0 x 1.5
10806	25.5 x 19.0 x 2.4
19430	32.0 x 25.5 x 2.4
19442	42.0 x 31.0 x 2.4



Part number	Size mm	Colour
C0494	1.0~1.3	Natural
C0495	1.3~2.2	Natural
C0496	2.2~3.4	Natural
C0496-0	2.2~3.4	Black

SNAP BUSHINGS & BLANKING PLUGS



Part Number	Size (mm)
Snap Bushing	Mounting Hole
22MP01015 (miniature)	8.0
22MP01030 (miniature)	12.7
22MP02502 (standard)	6.6
22MP03123 (standard)	8.0
22MP03754 (standard)	9.5
22MP04375 (standard)	11.1
22MP05006 (standard)	12.7
22MP05627 (standard)	14.3
22MP06258 (standard)	15.9
22MP06879 (standard)	17.5
22MP07510 (standard)	19.1
22MP08110 (standard)	20.6
22MP08711 (standard)	22.2
22MP10012 (standard)	22.2
22MP10915 (standard)	27.8
22MP11815 (standard)	30.2
22MP12515 (standard)	31.7
22MP13716 (standard)	34.9
22MP15018 (standard)	38.1
22MP17522 (standard)	44.4
22MP20026 (standard)	50.8



Part Number	Size (mm)
Hole plug / Blanking Plate	Mounting Hole
62MP0187	4.8
62MP0250	6.4
62MP0312	8.0
62MP0375	9.5
62MP0437	11.0
62MP0500	12.7
62MP0562	14.3
62MP0625	15.9
62MP0687	17.5
62MP0750	19.0
62MP0812	20.6
62MP0875	22.2
62MP1000	25.5
62MP1093	28.5
62MP1187	30.1
62MP1250	32.0
62MP1375	35.0
62MP1500	38.0
62MP1750	45.0
62MP2000	51.0
62MP2500	63.5

THREE-D CABLE TIES PA66

			KG	
100 x 2.5	100		8,0	THR-2.5X100
140 x 3.5	100		17,8	THR-3.5X140
200 x 4.5	100		22,2	THR-4.5X200
300 x 4.5	100		22,2	THR-4.5X300
360 x 4.5	100		22,2	THR-4.5X360
280 x 7.5	100		53,4	THR-7.5X280
360 x 7.5	100		53,4	THR-7.5X360
500 x 12.5	50		77,3	THR-12.5X500



Part Name	Standard Cable Ties - General
Material	PA6, 6
Flame Rating	UL94V-2
Cartificate	RU, UL, CE, ABS, BV, DNV, Lloyd's, RoHs, HF
Operating Temperature	-40°C ~85°C
Min. Installation Temperature	-20°C

CABLE TIES - NYLOC



Temperature rating: -40°C ~ +85°C. Material: Nylon 6.6. Uses up to 30% less raw material for increased performance. The absence of raised edges results in a considerable reduction of tie width, for a thinner and more flexible product. The insertion of the crimp beneath the tightening tooth ensures an excellent level of performance, with opening loads equivalent to those of products of greater width. The internal rack guarantees greater grip for all applications and the rounded head ensures the even absorption of workload for high performance tightening.

						
100 x 1.9	30 000	100		1.5 ~ 24	9	NYL.2.2102
				1.5 ~24	9	NYL.3.2102
200 x 2.5	20 000	100		2.5 ~55	18	NYL.2.2111
				2.5 ~55	18	NYL.3.2111
200 x 3.5	10 000	100		4 ~55	22	NYL.2.2123
				4 ~55	22	NYL.3.2123
300 x 3.5	10 000	100		4 ~85	22	NYL.3.2129
360 x 3.5	8 000	100		4 ~104	22	NYL.2.2126
				4 ~104	22	NYL.3.2126
360 x 4.5	3 000	100		3 ~101	54	NYL.2.2134
750 x 4.5	2 000	100		32 ~225	54	NYL.2.2141
				32 ~225	54	NYL.3.2141



CABLE TIES - UV PROTECTED NYLON CABLE TIES

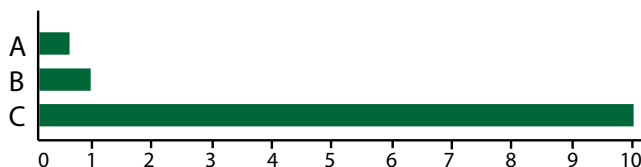


Temperature rating: -40°C ~ +85°C. Black nylon UV protected self-extinguishing V2: UL94. Working life of the cable ties, when exposed to the sun, is in line with the material used.



						
100 X 2.5	30 000	100		24	11	5303S - UV
140 x 3.5	20 000	100		36	15	5309S - UV
200 x 4.5	10 000	100		51	22	5315S - UV
300 x 4.5	8 000	100		82	22	5317S - UV
360 x 4.5	8 000	100		101	22	5319S - UV
280 x 7.5	4 000	100		76	46	5326S - UV
360 x 7.5	3 000	100		101	46	5327S - UV
500 x 12.5	1 000	100		140	98	5337S - UV

Working Life (years)
A = Standard Tie Natural
B = Standard Tie UV Stabilised
C = UV Protected



						
100 x 2.5	30 000	100		24	8	5203S
				24	8	5303S
	5 000	100		24	8	5303S - 2
				24	8	5303S - 3
				24	8	5303S - 4
				24	8	5303S - 5
				24	8	5303S - 6
				24	8	5303S - 7
				24	8	5303S - 8
				24	8	5303S - 9
	50 000	1 000		24	8	5203S - 1000
				24	8	5303S - 1000
140 x 3.5	20 000	100		36	15	5209S
				36	15	5309S
	5 000	100		36	15	5309S - 2
				36	15	5309S - 3
				36	15	5309S - 4
				36	15	5309S - 5
				36	15	5309S - 6
				36	15	5309S - 7
				36	15	5309S - 8
				36	15	5309S - 9
				36	15	5309S - 11
200 x 4.5	10 000	100		51	22	5215S
				51	22	5315S
	5 000	100		51	22	5315S - 2
				51	22	5315S - 3
				51	22	5315S - 4
				51	22	5315S - 5
				51	22	5315S - 6
				51	22	5315S - 7
				51	22	5315S - 8
				51	22	5315S - 9
280 x 4.5	10 000	100		76	22	5216S
				76	22	5316S
	5 000	100		76	22	5316S - 2
				76	22	5316S - 3
				76	22	5316S - 4
				76	22	5316S - 5
				76	22	5316S - 6
				76	22	5316S - 7
				76	22	5316S - 8
				76	22	5316S - 9
300 x 4.5	8 000	100		82	22	5217S
				82	22	5317S
360 x 4.5	8 000	100		101	22	5219S
				101	22	5319S
280 x 7.5	4 000	100		76	46	5326S
360 x 7.5	3 000	100		101	46	5227S
				101	46	5327S
450 x 7.5	2 500	100		130	46	5329S
500 x 12.5	1 000	50		140	98	5337S

Temperature rating: -40°C ~ +85°C. UL 94: V2 self-extinguishing ties. The cable ties are serrated and held in place by the resistance of the flexible tooth against the rack. The tail of the strap is pulled through the head to form a noose that can only be tightened. Used to fix and seal. The work load is calculated using a safety coefficient of no less than 2. A load of no higher than 10% of the work load should be applied.



Features



Maximum cable diameter. The tie tip is straight: this design has been chosen to increase the admissible cable diameter to the maximum value.



Maximum identification. All ties are stamped on the underside with the SapiSelco mark or the symbol 2S.



Minimum impact on Secured materials. Rounded off edges avoid damage to cables.



Maximum efficiency. All racks reach the underside of the tie head to increase the minimum securing diameter.

Certificates of approval for cable ties series SEL
CA01.00073, CA01.00076, CA01.00591, CA01.00591
(reference standards EN 62275:2009, B.T. 2006/95/EC)

Certificates of approval for cable ties series ME.t
CA01.00172, CA01.00175 (reference standards EN
62275:2009, B.T. 2006/95/EC)

Certificate of Type Approval n°09113/A1 BV file n°ACE
14/725/02 (reference standard IEC 60092)

Type Approval Certificate ELE 349307CS (reference
standard IEC 60092-101)



LR Type Approval Certificate
n°00/00017 (reference standards UL
94-V2, UL 1565, IEC 60092-101)



CE Marking: self-certification (reference
standard B.T. 2006/95/EC – 93/68/EEC)



File E 160935 (reference standards UL
94, UL 1565)



Self-declaration of conformity (reference
standards 2011/65/EU, Legislative
Decree 151-25/07/2005)



GL Type Approval Certificate n°99173-96
HH (reference standard IEC 60092-101,
UL 1565)



Qualified Products List (QPL 23190)
n°02635201.AA/10-11-99 (reference stand-
ard MIL-C-23190)



Type Approved Certificate n°E-6650 (refer-
ence standard IEC 60092-101 BV Rules)



R.E.A.C.H., Self-declaration of conformity
(1907/2006)

M.E.T. NYLON CABLE TIES WITH STAINLESS STEEL TOOTH



Temperature rating: -40°C ~ +85°C. ME.T NYLON CABLE TIES WITH STAINLESS STEEL TOOTH - The special design of the ME.T cable tie guarantees maximum resistance and safety even in the most extreme applications

						
100 x 2.5	15 000	100		24	13	MET.2.2102
				24	13	MET.3.2102
200 x 2.5	10 000	100		55	13	MET.3.2105
140 x 3.5	10 000	100		36	18	MET.3.2110
200 x 3.5	6 000	100		55	18	MET.3.2111
280 x 3.5	6 000	100		80	18	MET.3.2112
186 x 4.5	5 000	100		51	30	MET.3.2123
290 x 4.5	5 000	100		76	36	MET.2.2140
				76	36	MET.3.2140
360 x 4.5	4 000	100		101	36	MET.3.2126
360 x 7.5	1 500	50		101	53	MET.2.2534
				101	53	MET.3.2534



Features



Maximum Flexibility.
The classic rack has been replaced by a single central raised section, making the ME.T tie particularly flexible, while guaranteeing maximum strength at the same time.



Maximum resistance to opening.
The increased size of the hardened stainless steel teeth (with added Molybdenum) ensures extremely high mechanical strength and optimal resistance to corrosion.



Highly practical application.
The "spearhead" tip, a characteristic of the entire SapiSelco range, facilitates insertion of the tie, while the knurled sections above and below the tip enhance grip.



Optimal ease of insertion.
The special design of the ME.T cable tie enables smoother insertion of the steel tooth, reducing the required insertion force.



Total ergonomics.
The ME.T tie represents the utmost in practical installation: the design of the head optimises grip, thereby speeding up application.

DET METAL DETECTABLE CABLE TIES



Temperature rating: -40°C ~ +65°C. Material: Nylon 6.6. A special 6.6 polyamide is used, with metal powder additive, which makes them sensitive to electromagnetic fields. Recommended in the food, pharmaceutical and chemical industry; in these applications, for safety reasons it is important that possible fragments of these ties, lost among products, must be able to be located by means of a metal detector.

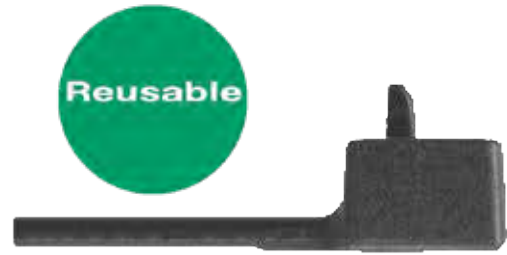
						
140 x 3.5	5 000	100		3 ~36	16	DET.11.2110
200 x 4.5	5 000	100		3 ~51	20	DET.11.2123
280 x 4.5	5 000	100		5 ~ 76	20	DET.11.2140
380 x 4.5	3 500	100		5 ~110	20	DET.11.2127



RID REOPENABLE CABLE TIES

Temperature rating: -25°C ~ +75°C. Material: Nylon 6.6. These cable ties have a tongue for temporary cabling/fixing applications, enabling the tie to be reused.

						
250 x 33.5	13 000	100		3 ~68	18	RID.2.216
				3 ~68	18	RID.3.216
280 x 3.5	13 000	100		3 ~80	18	RID.2.212
				3 ~80	18	RID.3.212



RIA REOPENABLE CABLE TIES

Temperature rating: -15°C ~ +75°C. Material: Nylon 6.6. These cable ties have a tongue for temporary cabling/fixing applications, enabling the tie to be reused.



						
280 x 7.5	4 000	100		10 ~70	28	RIA.3.233
360 x 7.5	3 000	100		10 ~100	28	RIA.3.234

SUB PUSH BUTTON CLIPS

Flammability V2. Material: Nylon 6.6. The button is positioned for press-fitting in the panel of suitable thickness following drilling. The tie is inserted in the slot of the button body.

							
10 x 6.5	2 000	1 000		6.5	4.5	3.2	SUB.2.2301
10 x 6.5	2 000	1 000		6.5	4.5	3.2	SUB.3.2301



SUP SADDLE CLIP-IN SUPPORTS

Flammability V2. Material Nylon 6.6. The plug is press-fit onto a suitable panel following drilling. The tie is inserted in a special guide



							
38 x 45	1 500	500		9 ~ 11	12.5	3 ~ 8	SUP.2.2707
38 x 45		500		9 ~ 11	12.5	3 ~ 8	SUP3.2707

SUP SADDLE SUPPORTS

Flammability V2. Material: Nylon 6.6. Self-Extinguishing. Saddle cable support to be used with screw and wall plug for fixing a cable tie to the wall. The spacer pin keeps the cable from coming in contact with the wall, thus safeguarding electrical insulation.



						
30 x 15 x 12	3 000	100		5	9	SUP.2.401
				5	9	SUP.3.401
44 x 19 x 16	1 500	50		12	12	SUP.2.2508
				6.5	12	SUP.3.2508

SUP SUPPORTS



Flammability V2. Material: Nylon 6.6. Rod and Pipe nylon support - designed to fix two pipes to the wall at a set distance and in parallel with each other using two 9 mm collars/cable ties.

						
19.2 x 10 x 6.2	3 000	100		3.8	5	SUP.2.405
19.2 x 10 x 6.2	3 000	100		3.8	5	SUP.3.405



NYLON ADHESIVE BASES



Flammability V2. Material: Nylon 6.6. The double-sided adhesive facilitates manual detachment and the application of single base.

					
13 x 13	1 000	100		3.2	HC100
				3.2	HC100-1
20 x 20	1 000	100		4.8	HC101
				4.8	HC101-1
30 x 30	1 000	100		5.5	HC102
				5.5	HC102-1



STAINLESS STEEL CABLE TIES

Stainless Steel Ball Ties - 304 SS

Un-Coated Stainless Steel Ball-Lock Cable Ties - 304 SS

				
150 x 4.6	100	3 ~ 35	35 ~ 45	TDBT6S
200 x 4.6	100	3 ~ 40	35 ~ 45	TDBT8S
350 x 4.6	100	3 ~ 90	35 ~ 45	TDBT14S
200 x 8.0	100	3 ~ 40	50 ~ 70	TDBT8H
250 x 8.0	100	4 ~ 60	50 ~ 70	TDBT9H
400 x 8.0	100	4 ~ 105	50 ~ 70	TDBT14H
520 x 4.6	100	4 ~ 150	50 ~ 70	TDBT18S
440 x 12.0	100	15 ~ 120	100 ~ 120	TDBT16L



D92134B - Cable tie tensioning tool for Stainless Steel cable ties



Cable Tie Widths:	Up to 7.9mm
Length:	180mm
Weight:	0.70kg

Features:

- Suitable for self locking stainless steel cable ties
- Easy cut off process
- Light weight

304 SS STRAPPING - LIGHT DUTY



			
9.5	0.55	30	1020
12.7	0.55	30	1021
16.0	0.55	30	1022
19.0	0.55	30	1023

304 SS STRAPPING - HEAVY DUTY



 mm	 mm	 m	
9.5	0.7	30	1040
12.7	0.7	30	1041
16.0	0.7	30	1042
19.0	0.7	30	1043

RG1000 - Stainless steel strapping tool with built-in cutter



Strapping size:	9mm - 19mm
Thickness:	0.90 Maximum
Length:	250mm
Weight:	1.82kg

Features:

- Superior slip resistant "Tyre-Grip" handle
- Premium Quality Cr-V Blade

304 SS BUCKLES - LIGHT & HEAVY DUTY



LIGHT DUTY	 mm	 mm		
	9.5	0.55	100	1030
	12.7	0.55	100	1030
	16.0	0.55	100	1030
	19.0	0.55	100	1030



HEAVY DUTY	 mm	 mm		
	9.5	0.7	100	1010
	12.7	0.7	100	1010
	16.0	0.7	100	1010
	19.0	0.7	100	1010

HEATSHRINK

Busbar Calculation

To *determine the outside diameter*.

- Add four sides (a+b+c+d) together.
- Divide by Pi (3.14)
- Sleeve size should include an allowance to give sufficient clearance to slip easily over the bar. An estimation of +10% is recommended
- Answer relates to outside diameter you want to shrink down to.

Example: Busbar

Busbar size = 25x3

$$\begin{aligned}\text{Outside diameter} &= (25+25+3+3) \div 3.14 \\ &= 17.83 \text{ (+10\% for clearance)} \\ &= 19.61\end{aligned}$$

Most suitable diameter 19mm



HEATSHRINK - 2:1 RATIO

Features:

- Halogen-Free Flame-Retardant Heat Shrink Tubing
- Single Wall Heat Shrink Tubing for Automotive
- Modified polyolefin
- Flexibility and elasticity
- Ideal flame-retardant performance with UL certification.
- Superior physical, chemical, and electronic properties.
- Standard color: black. (Other colors available upon request)

Applications

- Halogen-free flame-retardant heat shrink tubing finds extensive applications in industries such as automotive, electronics, transportation, construction, and public facilities.



Product Code	Size	Supplied Ori	After Recovery (mm)		Suitable Wire Diameter	Layflat Size (mm)
		Wall Thickness	Inside Diameter	Wall Thickness		
HSCB0012.*	Ø1.2	0.20±0.05	≤0.60	0.40±0.06		2.0
HSCB0016.*	Ø1.6	0.20±0.05	≤0.80	0.40±0.06		2.5
HSCB0024.*	Ø2.4	0.22±0.05	≤1.2	0.46±0.08	0.5	3.8
HSCB0032.*	Ø3.0	0.25±0.06	≤1.50	0.48±0.08	1.0	5.0
HSCB0048.*	Ø4.5	0.25±0.06	≤2.25	0.54±0.08	1.5-2.5	7.5
HSCB0064.*	Ø6.0	0.25±0.06	≤3.00	0.50±0.08	4.0-6.0	10.0
HSCB0095.*	Ø9.0	0.36±0.09	≤4.50	0.72±0.10	10.0-16.0	15.0
HSCB0127.*	Ø12	0.36±0.09	≤6.00	0.72±0.10	25.0-35.0	20.0
HSCB0190.*	Ø20	0.40±0.10	≤10.0	0.80±0.10		33.0
HSCB0254.*	Ø25	0.46±0.12	≤12.5	0.94±0.15	50.0-95	40-43
HSCB0300.*	Ø30	0.46±0.12	≤15.0	1.00±0.15	120-185	48-51
HSCM0350.*	Ø35	0.50±0.13	≤17.5	1.00±0.15		55-58
HSCM0381.*	Ø40	0.50±0.13	≤20.0	1.15±0.15	240-300	63-65
HSCB0508.*	Ø50	0.55±0.12	≤25.0	1.10±0.15	500-600	80-84
HSCB0762.*	Ø80	0.60±0.15	≤40.0	1.25±0.20		120-125
HSCB1016.*	Ø100	0.60±0.15	≤50.0	1.25±0.20		160-166

Replace * 0 = Black; 0/1 = Black pre pack 1m; 2 = Red; 2/1 Red pre pack 1m; 4 = Yellow; 4/1 Yellow pre pack 1m; 4/5 = Yellow/Green; 4/5/1 = Yellow/Green pre pack 1m; 5 = Green; 5/1 Green pre pack 1m; 6 = Blue; 6/1 = Blue pre pack 1m; 9 = White; 9/1 = White pre pack 1m

Properties	Test Method	Performance
Shrink time	UL224	5 min
Continuous operating temperature	ASTMD2671	-40°C-125°C
Longitudinal change	ASTMD2671	-5%~5%
Tensile strength	ASTMD2671	≥10.4MPa
Ultimate elongation	ASTMD2671	≥200%
Heat aging test (158°C/168h)	-	-
Tensile strength after aging	ASTMD2671	≥7.3MPa
Ultimate elongation after aging	ASTMD2671	≥100%
Dielectric strength	ASTMD876	600V
Volume resistivity	UL224	≥1014 Ω·cm
Voltage withstand	UL224	No breakdown
Copper corrosion (158°C/168h)	UL224	No corrosion
Heat shock	UL224	No cracking
Cold bend	UL224	No cracking
Flammability	UL224	VW-1

HEATSHRINK - DUAL WALL - 3:1 RATIO

Features:

- Flexible, halogen-free, and environmentally friendly
- Ideal water and moisture resistance
- Adhesive Lined Heat Shrink Tube
- Outer jacket: Modified polyolefin
- Inner wall: Modified hot-melt adhesive
- Shrink Ratios: 3:1
- Shrink temperature: 100°C to 120°C
- Operating temperature: -40°C to 125°C
- Compliant with UL224 standards (Certification No.: E180908)

Applications

- Our tubing finds extensive use in industries such as electronics, automotive, and more, for applications including waterproofing electronic connections, sealing wire junctions, corrosion protection of metal pipelines, and preventing loosening and detachment.



Product Code	As Supplied (mm)		After Recovery (mm)		Adhesive Lining Thickness
	Minimum Inside Diameter	Wall Thickness	Maximum Inside Diameter	Wall Thickness	
CB-DWT-3/1(S)	3.0	0.40	1.0	0.85±0.25	0.35
CB-DWT-4.5/1.5(S)	4.5	0.40	1.5	1.05±0.25	0.45
CB-DWT-6/2(S)	6.0	0.45	2.0	1.10±0.25	0.45
CB-DWT-9/3(S)	9.0	0.60	3.0	1.45±0.25	0.45
CB-DWT-12/4(S)	12.0	0.60	4.0	1.50±0.35	0.45
CB-DWT-19/6(S)	19.0	0.75	6.0	2.00±0.45	0.65
CB-DWT-24/8(S)	24.00	0.75	8.0	2.00±0.55	0.65
CB-DWT-40/12(S)	40.00	0.80	12.0	2.20±0.55	0.75

Black only

Properties	Test Method	Performance
Radial shrinkage	UL224	≥50%
Longitudinal change	UL224	0~10%
Tensile strength	ASTMD2671	≥10.4MPa
Ultimate elongation	ASTMD2671	≥200%
Aging in hot air oven (158°C±2°C/168h)	-	-
Tensile strength after aging	ASTMD2671	≥7.3MPa
Ultimate elongation after aging	ASTMD2671	≥100%
Volume resistivity	ASTMD876	≥1.0x10 ¹⁴ Ωcm
Dielectric strength (2500V/60s)	ASTMD2671	No breakdown
Water absorption	ASTMD570	≤1.0%

HEATSHRINK - DUAL WALL - 3:1 RATIO THICK

Features:

- Very Flexible Dual Wall Heat Shrink Tubing
- Adhesive Lined Heat Shrink Tube for Automotive
- Outer jacket: Cross-linked modified polyolefin
- Inner wall: Modified hot-melt adhesive
- Shrink ratios: 3:1
- Very flexible with excellent elasticity, providing multiple shrink ratio options
- Good flame retardancy, meeting UL224 VW-1 high flame retardant rating
- Ideal sealing performance
- Inner adhesive layer ensures adhesion to various materials such as plastic, rubber, and metal
- Meets AMS-DTL23053/4 Class 1 and 3 requirements
- Standard color: Black (customizable colors available upon request)
- Compliant with RoHS environmental standards

Applications

- Our very flexible dual wall heat shrink tubing offers ideal sealing performance and insulation protection for a wide range of electronic components, including cable connections, terminals, and more.
- The tubing is available in various shrink ratios to meet the insulation protection requirements of different shapes and sizes.



Product Code	As Supplied (mm)		After Recovery (mm)		Adhesive Lining Thickness
	Inside Diameter	Wall Thickness	Inside Diameter	Wall Thickness	
CB-DWT-3/1(M)	3.2±0.5	0.45±0.05	≤1.0	1.00±0.20	0.50
CB-DWT-4.5/1.5(M)	4.7±0.5	0.50±0.05	≤1.5	1.10±0.25	0.50
CB-DWT-6/2(M)	6.4±0.6	0.50±0.08	≤2.0	1.20±0.25	0.50
CB-DWT-9/3(M)	9.5±0.7	0.55±0.08	≤3.0	1.35±0.25	0.60
CB-DWT-12/4(M)	12.7±0.7	0.70±0.10	≤4.0	1.75±0.30	0.80
CB-DWT-19/6(M)	19.1±0.9	0.75±0.10	≤6.0	2.00±0.40	0.80
CB-DWT-24/8(M)	24.0±0.7	0.85±0.12	≤8.4	2.35±0.30	1.00
CB-DWT-40/12(M)	40.0±1.0	0.95±0.15	≤13.5	2.55±0.45	1.05

Black only

Properties	Test Method	Performance	Baseline
Temperature rating	-	135°C	135°C
Longitudinal change	ASTMD2671	-10%~0	-4%
Tensile strength	ASTMD638	≥10.4Mpa	15.0Mpa
Ultimate elongation	ASTMD638	≥200%	390%
Heat aging test	-	-	-
Tensile strength after aging	ASTMD638	≥7.3Mpa	12.3Mpa
Ultimate elongation after aging	ASTMD638	≥100%	260%
Voltage withstand	UL224	600V	600V
Volume resistivity	ASTMD2671	≥1.0×10 ¹² Ω·cm	4.3×10 ¹² Ω·cm
Dielectric strength (2500V/60s)	UL224	No breakdown	No breakdown
Heat shock (250°C/4h, outer layer only)	UL224	No dripping, no flowing, no cracking	Pass
Concentricity	ASTMD2671	≥65%	80%

HEATSHRINK - MEDIUM WALL - 3:5:1. 4:1 RATIO

Material

- Exterior layer: irradiated cross-linked modified polyolefin
- Inner layer: hot-melt adhesive
- Shrink ratio: 3.5:1, 4:1

Applications

This medium wall polyolefin heat shrink tubing has an excellent insulation and mechanical protection performance. The tubing has higher shrink ratios to make it suitable for splicing of accessories and wires in a wide range of sizes. This heat shrink tubing also features a thicker wall, allowing it to offer insulating and mechanical protection for connectors in medium and high voltage cables. In addition, the hot melt adhesive inner layer offers a water resistant seal for all connecting accessories.

Features:

- This dual wall heat shrink tubing is covered in a black layer, thus giving it an excellent UV resistance.
- The minimum full recovery temperature of this dual wall heat shrink tubing is 135°C. When the environmental temperature is higher than 135°C, the shrinking time will be reduced.



Product Code	As Supplied	After Recovery		Standard Length
	Minimum Inside Diameter	Maximum Inside Diameter	Minimum Wall Thickness	
MWA 8/2	8	2	1.7	1.22m/pcs
MWA 12/3	13	4	2.0	1.22m/pcs
MWA28/6	19	5	2.2	1.22m/pcs
MWA 33/8	22	6	2.5	1.22m/pcs
MWA 40/12	28	6	2.5	1.22m/pcs
MWA 55/16	55	16	2.8	1.22m/pcs
MWA 75/22	75	22	3.0	1.22m/pcs

Black only

Test item	Test method	Specifications
Operation temperature	IEC 216	-55°C~110°C
Elongation after aging (168hrs at 150°C±2°C)	ASTM D2671	≥300%
Tensile strength after aging (168hrs at 150°C±2°C)	ASTM D2671	≥12MPa
Dielectric strength	IEC 243	≥20kV/mm
Volume resistivity	IEC 93	≥1X10 ¹⁴ Ω.cm
Copper corrosion	ASTM D2671	No corrosion
Water absorption	ISO62, 23°C, 14days	≤0.2%

END CAPS

Applications

Heat shrink cable end caps feature excellent water resistance and can be widely used in the terminal processing of power cables and communication cables.



Product Code	Size	As Supplied	After Recovery		Cable Range (mm)
		Inside Diameter	Inside Diameter	Wall Thickness	
GEC001:	12/4	≥12	≤4	2.5±0.25	4~8
GEC101:	15/5	≥15	≤5	2.5±0.25	6~12
GEC102:	25/8	≥25	≤9	2.8±0.25	9~17
GEC201:	35/12	≥35	≤12	3.0±0.4	18~30
GEC301:	55/25	≥55	≤25	3.3±0.4	31~45
GEC401:	75/35	≥75	≤35	3.3±0.4	45~60
GEC501:	100/50	≥100	≤50	3.9±0.4	61~82

Black only

Items	Unit	Specifications	Test methods
Tensile Strength	MPa	≥12	ASTM D2671
Elongation	%	≥300	ASTM D2671
120°C, 168h heat aging		K1>0.8, K2>0.7	ASTM D2671
Volume resistance	Ω.cm	≥1014	ASTM D2671
Dielectric strength	kV/min	≥18	ASTM D2671
Water absorption		≤0.5%	ASTM D570

COPPER FLAT PINS & FERRULES

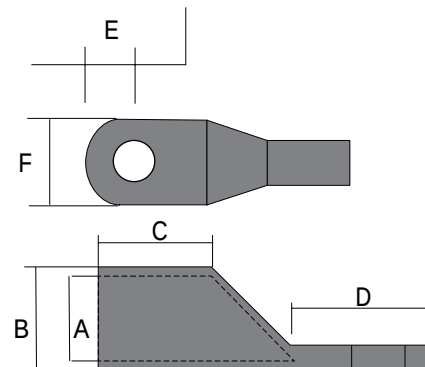


Size (mm²)	Part Number
10	10FP
16	16FP
25	25FP
35	35FP
50	50FP
70	70FP
95	95FP

Length	Cable Size (mm²)	Part Number	Length	Cable Size (mm²)	Part Number
12.0	1.5	F 1.5	38.6	300	F95
15.0	2.5	F 2.5	42.9	500	F120
15.0	4	F 4	48.1	800	F150
15.0	6	F 6	53.6	185	F185
20.0	10	F10	60.0	250	F240
20.0	16	F16	67.0	300	F300
24.7	35	F25	80.0	400	F400
27.5	70	F35	90.0	500	F500
30.8	120	F50	110.0	630	F630
34.4	185	F70			

XLPE LUGS

Product Number	Nominal Lug Size mm²	SABS 1339-1981 Nominal Dia Over Conductor	Stud Ø	Nominal Dimensions					
				Barrel			Palm		
				A	B	C	D	E	F
				I.D	O.D	Length	Length	Hole Pos.	Width
35 x ** XLPE	35	7.10	10 12	7.30	10.50	16.00	24.00	11.00	19.00
50 x ** XLPE	50	8.50	10 12	8.75	12.30	20.00	24.00	11.00	19.00
70 x ** XLPE	70	10.10	10 12	10.40	14.60	21.00	27.00	14.00	20.00
95 x ** XLPE	95	11.80	10 12 16	12.15	17.00	24.00	28.00	14.00	24.00
120 x ** XLPE	120	13.20	10 12 16	14.00	19.10	26.00	28.00	14.00	26.00
150 x *** XLPE	150	14.80	12 16 20	17.00	21.30	31.00	37.00	18.00	30.00
185 x ** XLPE	185	16.40	12 16 20	19.10	23.70	34.00	40.00	19.00	33.00
240 x ** XLPE	240	18.70	12 16 20	21.30	27.10	34.00	41.00	19.00	37.00
300 x ** XLPE	300	20.90	12 16 20	23.70	30.50	38.00	8.00	20.00	42.50
400 x ** XLPE	400	24.10	BLANK	27.10	34.64	51.00	49.00	23.50	48.00
500 x ** XLPE	500	27.00	BLANK	27.50	38.90	51.00	52.00	25.00	54.00
630 x ** XLPE	630	32.50	BLANK	33.00	45.00	53.00	65.00	28.00	64.00



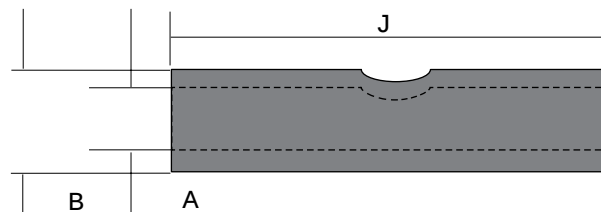
Note:

No Inspection Hole

** i.e. 35 X 12 XLPE

All dimensions in mm unless indicated otherwise.

Product Number	Nominal Ferrule Size mm ²	Nominal Dimensions		
		A	B	J
		I.D	O.D	Length
F35XLPE	35.00	7.30	10.50	38.00
F50XLPE	50.00	8.75	12.30	42.00
F70XLPE	70.00	10.40	14.60	43.00
F95XLPE	95.00	12.10	17.00	45.00
F120XLPE	120.00	14.00	19.10	55.00
F150XLPE	150.00	15.25	21.30	58.00
F185XLPE	185.00	17.00	23.70	64.00
F240XLPE	240.00	20.00	27.10	70.00
F300XLPE	300.00	21.63	30.50	75.00
F400XLPE	400.00	24.50	34.60	80.00
F500XLPE	500.00	27.50	38.90	90.00
F630XLPE	630.00	33.00	45.00	100.00



Note:
All dimensions in mm unless indicated otherwise.

COPPER LUGS



SABS IEC 61238 Tested

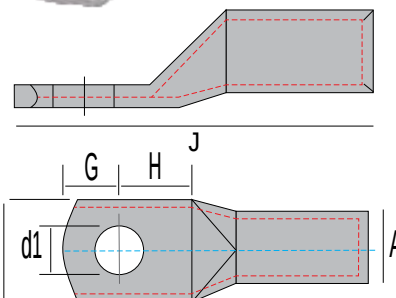
Size (mm ² x mm)	Part Number	Size (mm ² x mm)	Part Number	Size (mm ² x mm)	Part Number	Size (mm ² x mm)	Part Number
1,5X03	1.5X03	10X08	10X08	50X12	50X12	150X12	150X12
1,5X04	1.5X04	10X10	10X10	50X16	50X16	150X16	150X16
1,5X05	1.5X05	10X12	10X12	50X20	50X20	150X20	150X20
1,5X06	1.5X06	16X05	16X05	70X06	70X06	185X10	185X10
2,5X03	2.5X03	16X06	16X06	70X08	70X08	185X12	185X12
2,5X04	2.5X04	16X08	16X08	70X10	70X10	185X16	185X16
2,5X05	2.5X05	16X10	16X10	70X12	70X12	185X20	185X20
2,5X06	2.5X06	16X12	16X12	70X16	70X16	240X10	240X10
2,5X08	2.5X08	16X16	16X16	70X20	70X20	240X12	240X12
4X03	4X03	25X06	25X06	95X06	95X06	240X16	240X16
4X04	4X04	25X08	25X08	95X08	95X08	240X20	240X20
4X05	4X05	25X10	25X10	95X10	95X10	300X10	300X10
4X06	4X06	25X12	25X12	95X12	95X12	300X12	300X12
4X08	4X08	25X16	25X16	95X16	95X16	300X16	300X16
4X10	4X10	35X06	35X06	95X20	95X20	300X20	300X20
6X04	6X04	35X08	35X08	120X08	120X08	400X10	400X10
6X05	6X05	35X10	35X10	120X10	120X10	400X12	400X12
6X06	6X06	35X12	35X12	120X12	120X12	400X16	400X16
6X08	6X08	35X16	35X16	120X16	120X16	400XBLANK	400XBLANK
6X10	6X10	50X06	50X06	120X20	120X20	500X16	500X16
10X05	10X05	50X08	50X08	150X08	150X08	500XBLANK	500XBLANK
10X06	10X06	50X10	50X10	150X10	150X10	630XBLANK	630XBLANK

ALUMINIUM TERMINALS - ROUND

Part Number	Cable mm ²	Stud Ø	d1	A	D	G	H	J
16X08ALO	16	8	8.4	5.5	21	11	13	77.0
25X08ALO	25	8	8.4	6.5	21	11	13	77.0
35X08ALO	35	8	8.4	8.0	23	11	13	77.5
35X10ALO	35	10	10.4	8.0	23	11	13	77.5
50X12ALO	50	12	12.5	9.0	26	14	16	91.0
50X14ALO	50	14	14.5	9.0	26	16	18	95.0
70X12ALO	70	12	12.5	11.0	27	14	16	91.0
70X14ALO	70	14	14.5	11.0	27	16	18	95.0
95X12ALO	95	12	12.5	12.5	27	14	16	91.0
95X14ALO	95	14	14.5	12.5	27	16	18	95.0
120X12ALO	120	12	12.5	13.7	35	14	16	115.0
120X14ALO	120	14	14.5	13.7	35	16	18	119.0
150X12ALO	150	12	12.5	15.5	34	14	16	115.0
150X14ALO	150	14	14.5	15.5	34	16	18	119.0
185X12ALO	185	12	12.5	17.0	42	14	20	122.0
185X14ALO	185	14	14.5	17.5	42	16	22	126.0
240X12ALO	240	12	12.5	19.5	44	14	20	122.0
240X14ALO	240	14	14.5	19.5	44	16	22	126.0
300X12ALO	300	12	12.5	22.5	44	14	22	130.0

Note: Material: Aluminium

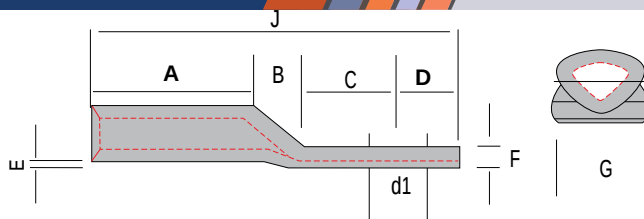
Finish: Natural / Passivated Aluminium



Note:

All dimensions in mm unless indicated otherwise.

ALUMINIUM 4 CORE SECTOR CABLE LUGS



Note:

All dimensions in mm unless indicated otherwise.

Part Number	Cable mm ²	Stud Ø	d1	A	B	C	D	E	F	G	J
25X08AL4	25	8	8.4	25	8	17	12	1	4.1	15.2	65
25X10AL4		10	10.4						2.9	21	
25X12AL4		12	12.5						2.9	21	
35X08AL4	35	8	8.4	30	8	17	12	1	4.4	17.6	68
35X10AL4		10	10.4						3.6	21	
35X12AL4		12	12.5						3.6	21	
50X10AL4	50	10	10.4	32	10	17	12	1	4.5	20.3	71
50X12AL4		12	12.5						2.9	21	
50X16AL4		16	16.5						2.9	21	
70X10AL4	70	10	10.4	35.5	11	17	12	1	5	23.2	76
70X12AL4		12	12.5						4.6	26	
70X16AL4		16	16.5						4.6	26	
95X10AL4	95	10	10.4	39	14	17	12	1.5	5.7	27.7	82
95X12AL4		12	12.5						5.7	27.7	
95X16AL4		16	16.5						5.7	27.7	
120X10AL4	120	10	10.4	44	15	17	12	1.5	6.5	31	88
120X12AL4		12	12.5						6.5	31	
120X16AL4		16	16.5						6.5	31	
150X12AL4	150	12	12.5	47.5	16	20.5	16	1.5	7.2	34.7	100
150X16AL4		16	16.5						7.2	34.7	
150X20AL4		20	20.5						7.2	34.7	
185X12AL4	185	12	12.5	47.5	16	20.5	16	1.5	7.2	34.7	106
185X16AL4		16	16.5						7.2	34.7	
185X20AL4		20	20.5						7.2	34.7	
240X20AL4	240	20	20.5	55.5	20.5	22	18	2	5.7	43.6	116
300X20AL4	300	20	20.5	60.5	23	25	20	2	9.7	49.2	128.5

ALUMINIUM SECTORIAL FERRULES ROUND - 3 & 4 CORES

Part Numbers			Cable mm ²	Length
Rounded/ Stranded	3-Core Sectoral	4-Core Sectoral		
F25ALO	F25AL3	F25AL4	25	66
F35ALO	F35AL3	F35AL4	35	70
F50ALO	F50AL3	F50AL4	50	74
F70ALO	F70AL3	F70AL4	70	78
F95ALO	F95AL3	F95AL4	95	84
F120ALO	F120AL3	F120AL4	120	91
F150ALO	F150AL3	F150AL4	150	102
F185ALO	F185AL3	F185AL4	185	108
F240ALO	F240AL3	F240AL4	240	118
F300ALO	F300AL3	F300AL4	300	130

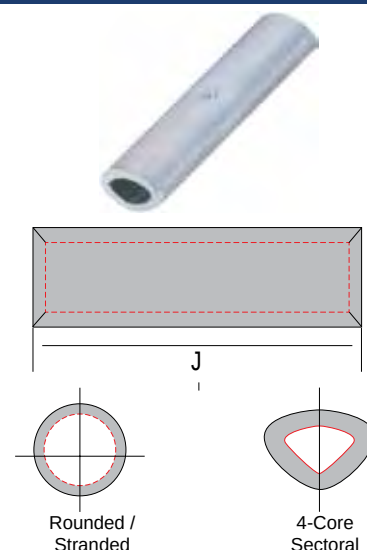
Note:

Material: Aluminium

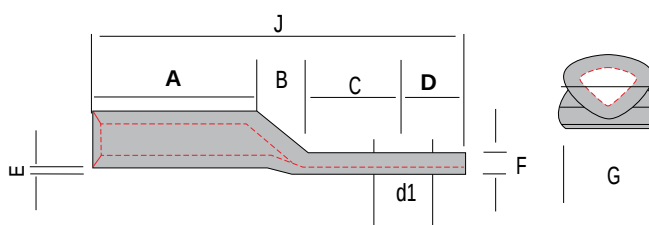
Finish: Natural / Passivated Aluminium

Note:

All dimensions in mm unless indicated otherwise.



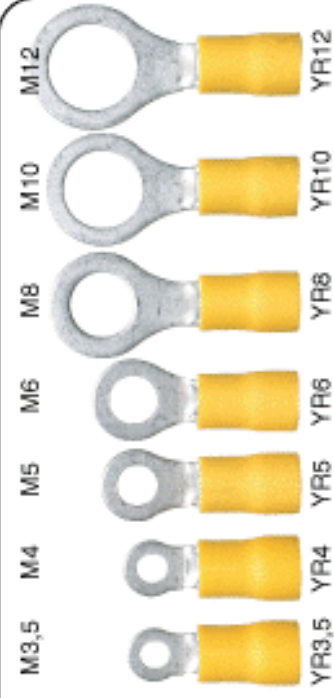
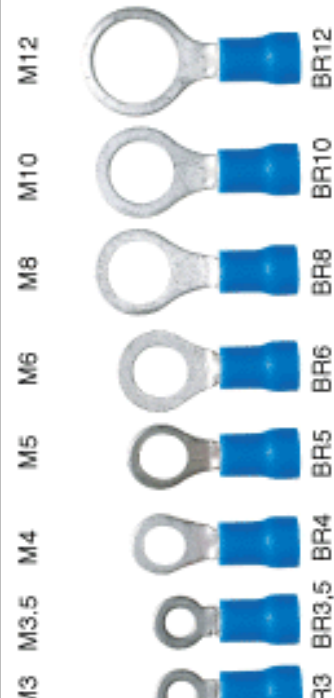
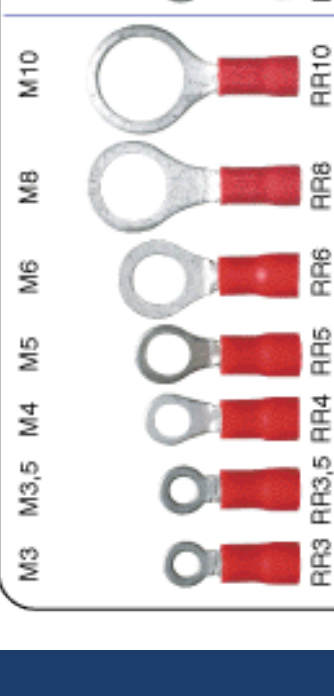
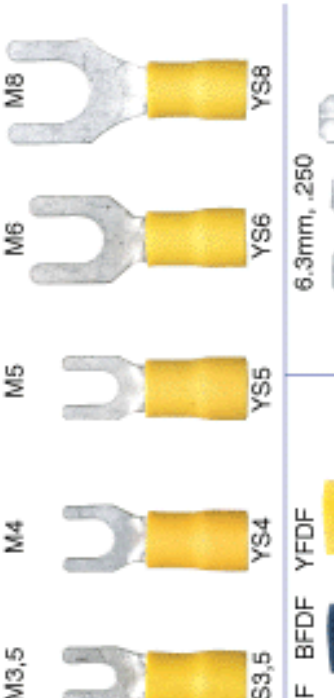
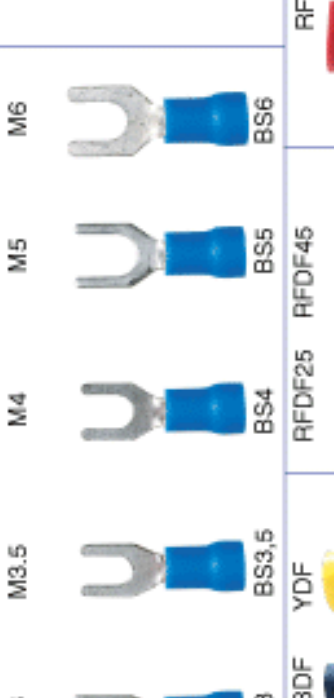
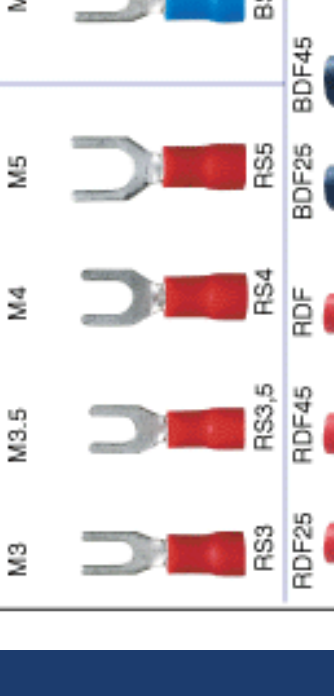
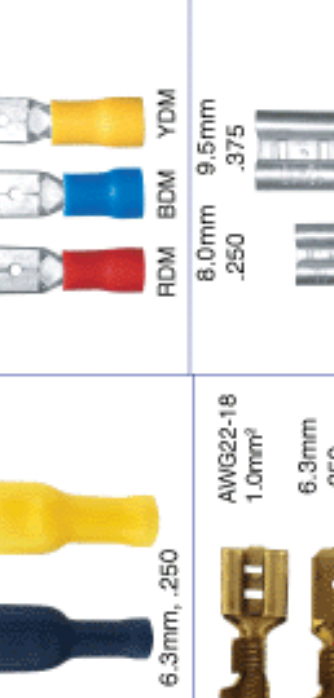
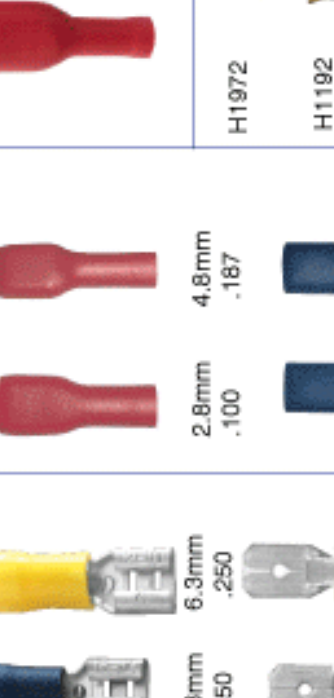
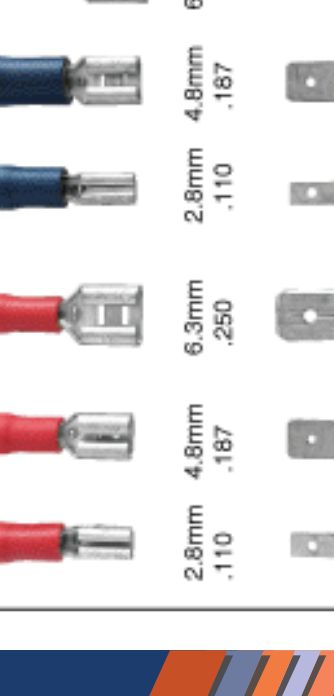
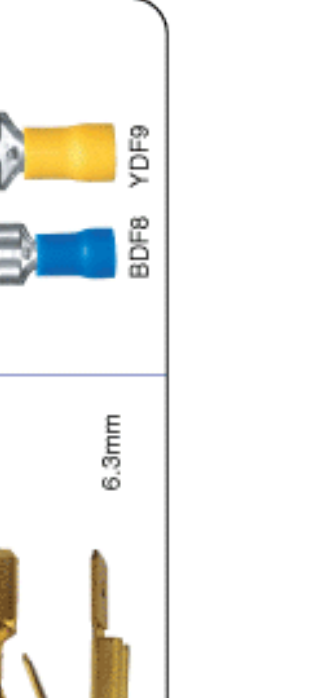
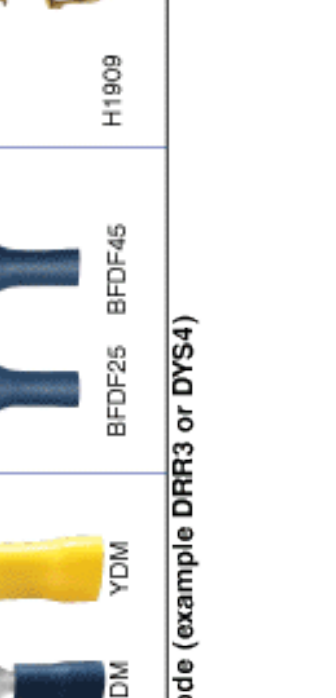
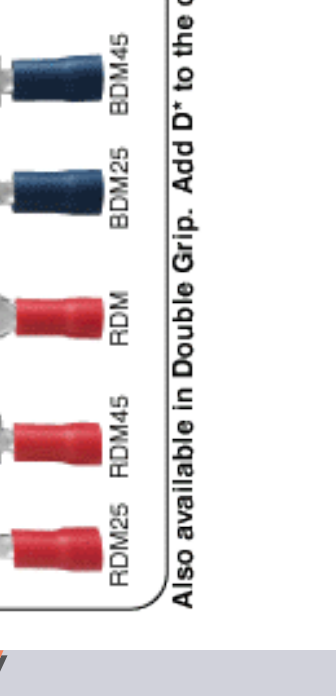
ALUMINIUM 3 CORE SECTOR CABLE LUGS



Note:

All dimensions in mm unless indicated otherwise.

Part Number	Cable mm ²	Stud Ø	d1	A	B	C	D	E	F	G	J
25X08AL3	25	8	8.4	25	8	17	12	1	4.1	15.2	65
25X10AL3		10	10.4								
25X12AL3		12	12.5								
35X08AL3	35	8	8.4	30	8	17	12	1	4.4	17.6	68
35X10AL3		10	10.4								
35X12AL3		12	12.5								
50X10AL3	50	10	10.4	32	10	17	12	1	4.5	20.3	71
50X12AL3		12	12.5								
50X16AL3		16	16.5								
70X10AL3	70	10	10.4	35.5	11	17	12	1	5	23.2	76
70X12AL3		12	12.5								
70X16AL3		16	16.5								
95X10AL3	95	10	10.4	39	14	17	12	1.5	5.7	27.7	82
95X12AL3		12	12.5								
95X16AL3		16	16.5								
120X10AL3	120	10	10.4	44	15	17	12	1.5	6.5	31	88
120X12AL3		12	12.5								
120X16AL3		16	16.5								
150X12AL3	150	12	12.5	47.5	16	20.5	16	1.5	7.2	34.7	100
150X16AL3		16	16.5								
150X20AL3		20	20.5								
185X12AL3	185	12	12.5	47.5	16	20.5	16	1.5	7.2	34.7	106
185X16AL3		16	16.5								
185X20AL3		20	20.5								
240X20AL3	240	20	20.5	55.5	20.5	22	18	2	5.7	43.6	116
300X20AL3	300	20	20.5	60.5	23	25	20	2	9.7	49.2	128.5

														
M3	M3,5	M4	M5	M6	M8	M10	M3	M3,5	M4	M5	M6	M8	M10	M12
RR3	RR3,5	RR4	RR5	RR6	RR8	RR10	BR3	BR3,5	BR4	BR5	BR6	BR8	BR10	BR12
														
M3	M3,5	M4	M5	M6	M8	M12	M3	M3,5	M4	M5	M6	M8	M12	
RS3	RS3,5	RS4	RS5	RS6	RS8	RS12	BS3	BS3,5	BS4	BS5	BS6	BS8	BS12	
														
RDF25	RDF45	RDF	BDF25	BDF45	BDF	YDF	RDF25	RDF45	RDF	BDF25	BDF45	BDF	YDF	
2,8mm .110	4,8mm .187	6,3mm .250	2,8mm .110	4,8mm .187	6,3mm .250	6,3mm .250	2,8mm .100	4,8mm .187	6,3mm .250	2,8mm .100	4,8mm .187	6,3mm .250	6,3mm .250	
RDM25	RDM45	RDM	BDM25	BDM45	BDM	YDM	BFDF25	BFDF45	BFDF	BFDF25	BFDF45	BFDF	YDF	
														

Also available in Double Grip. Add D* to the code (example DRR3 or DYS4)

Vinyl Ins.			6,3mm .250																							
RBT	BBT	YBT	RP9	BP9	YP14	RFB9	RFB18	RHB3	RHB	BFB9	BFB18	BHB3	BHB	RPB	BPB											
22 - 18			18 - 14			12 - 10																				
RFFIT			BFFIT			YFIT			RFFF						BFFF											
THREED AGENCIES THE CABLE ACCESSORY COMPANY																										
DOUBLE WIRE END SLEEVES																										
Length mm																										
ID mm																										
Wire size mm²																										
2E02			2E05			2E09			2E13			2E16			2E19			2E22			2E24			2E26		
White			Grey			Red			Black			Blue			Grey			Yellow			Red			Blue		
8,0			8,0			8,0			8,0			10,0			12,0			14,0			14,0			14,0		
1,5			1,8			2,3			2,6			2,9			3,8			4,9			6,5			8,3		
2x0,50			2x0,75			2x1,00			2x1,50			2x2,50			2x4,00			2x6,00			2x10,00			2x16,0		

COLOUR "T"				COLOUR "W"				COLOUR "W"			
Code	Colour	Size (mm)		Code	Colour	Size (mm)		Code	Colour	Size (mm)	
E034	Violet	0.25/N		E19	Orange	4.00/N		E134	L/Blue	0.25/N	
E035	Violet	0.25/L		E20	Orange	4.00/HL		E135	L/Blue	0.025/L	
E036	Pink	0.34/N		E20	Orange	4.00/L		E136	Turq	0.34/N	
E037	Pink	0.34/L		E22	Green	6.00/N		E137	Turq	0.34/L	
E01	White	0.50/K		E23	Green	6.00/L		E010	Orange	0.50/K	
E02	White	0.50/N		E24	Maroon	10.00/N		E020	Orange	0.50/N	
E03	White	0.50/HL		E25	Maroon	10.00/L		E030	Orange	0.50/HL	
E04	Blue	0.75/K		E26	Ivory	16.00/N		E040	White	0.75/K	
E05	Blue	0.75/N		E27	Ivory	16.00/L		E050	White	0.75/N	
E06	Blue	0.75/HL		E28	Black	25.00/N		E060	White	0.75/HL	
E07	Blue	0.75/L		E29	Black	25.00/L		E070	White	0.75/L	
E08	Red	1.00/K		E30	Red	35.00/N		E080	Yellow	1.00/K	
E09	Red	1.00/N		E31	Red	35.00/L		E090	Yellow	1.00/N	
E10	Red	1.00/HL		E32	Blue	50.00/N		E100	Yellow	1.00/HL	
E11	Red	1.00/L		E33	Blue	50.00/L		E110	Yellow	1.00/L	
E13	Black	1.50/N						E113	Red	1.50/N	
E14	Black	1.50/HL						E114	Red	1.50/HL	
E15	Black	1.50/L						E115	Red	1.50/L	
E16	Grey	2.50/N						E116	Blue	2.50/N	
E17	Grey	2.50/HL						E117	Blue	2.50/L	
E18	Grey	2.50/L						E118	Blue	2.50/L	

SINGLE WIRE END SLEEVES



Features:

Dual Cone Rotary Nickel plated brass cable glands for Armoured cable (BW) and un-Armoured cable compression type (A2) . PVC Shrouds

BW TYPE GLANDS		A2 TYPE GLANDS		SHROUDS	
Size	Part Number	Size	Part Number	Size	Part Number
0	PX0BW	00 (16mm)	PX00A2-16	0	PX0SHPVC-L
1	PX1BW	00 (20mm)	PX00A2	1	PX1SHPVC-L
2	PX2BW	0	PX0A2	2	PX2SHPVC-L
3	PX3BW	1	PX1A2	3	PX3SHPVC-L
4	PX4BW	2	PX2A2	4	PX4SHPVC-L
5	PX5BW	3	PX3A2	5	PX5SHPVC-L
6	PX6BW	4	PX4A2	6	PX6SHPVC-L
7	PX7BW	5	PX5A2	7	PX7SHPVC-L
		6	PX6A2		
		7	PX7A2		

Size	Number of Cores											
	2	3	4	5	6	7	8	10	12	19	27	37
1.5mm ²	0	0	0	0	0/1	1	1	2	2	3	3	4
2.5mm ²	0	0	0/1	1	1	1	2	2	3	3	4	4
4mm ²	0/1	1	1	1	2	2	2	3	3	3/4	4	4/5
6mm ²	1	1	2	2	2	2						
10mm ²	1/2	2	2									
16mm ²	2	2	2/3									
25mm ²	2/3	3	3									
35mm ²	3	3	3/4									
50mm ²	3	4	4									
70mm ²	3/4	4	4									
95mm ²	4	4/5	5									
120mm ²	4	5	5									
150mm ²	4/5	5	5/6									
185mm ²	5	6	6									
240mm ²	6	6	6/7									
300mm ²	6	7	7									

PVC/SWA CABLES

- 600V-1000 Volt gland selection
- It is possible that certain makes of cable accept a gland one size smaller.
- This chart is based on published cable sizes by the manufacturer.
- Three-D cannot be held responsible should cable gland not fit when the cable varies from published dimensions

NYLON GLANDS



NYLON 66 CABLE GLANDS		
Size	Part Number	Colour
M20x1.5	BMG-12	Light Grey
M25x1.5	BMG-15	Light Grey
M20x1.5	BMB-22	Black
M25x1.5	BMB-25	Black



NYLON 66 LOCK NUTS		
Size	Part Number	Colour
M20x1.5	BMGL-12	Light Grey
M25x1.5	BMGL-13	Light Grey
M20x1.5	BMBL-22	Black
M25x1.5	BMBL-23	Black

ES-665 - 3 Function Butane Gas Soldering Iron



Weight:	150g (no gas)
Fule:	Butane
Gas Container Capacity:	22ml
Operating Time:	> 125min
Size (LxWxD):	245 x 30 x 25mm
Approx. Temp.:	200 ~ 500°C

Features:

- Instant electronic ignition
- Variable flame control
- Refillable tank
- Transparent see-through window / with safety stand
- Stainless steel made grip
- Stable heating - Catalytic heating system
- 3-in-1 soldering iron / hot air blower / torch tool with protect cap
- Durable, long-life soldering tip

Applications:

- Electrical / electronic repair / general soldering
- Cable repair and installation
- DIY / household / hobbyist
- Automotive and truck repair
- General heating and drying
- Heat Shrink tubing / terminal / sleeves
- Laboratories

SOLDERING IRON

1. Electrical/ Electronic Circuit repair
2. Circuit Board Connections
3. Wire Harness repairs
4. General Soldering
5. Welding
6. Jewelry, Spectacle Frame Repair
7. Industrial Cable repairs and installation
8. Automotive and Truck repairs

TORCH

1. Culinary (Crème Brulee , Browning Meringues)
2. Soldering
3. Outdoor Activity
4. Camping
5. Household repairs
6. Laboratories
7. Cigar and pipe lighter
8. Plumbing
9. Automotive and truck repairs
10. Hobbies
11. Do-it-yourself repairs
12. Dental Repairs
13. Welding

HEAT GUN

1. General heating and drying
2. Heat shrink tubing and sleeves
3. Thawing Frozen Locks
4. Activate adhesive and potting compounds
5. Stretch Vinyls
6. Bend and form plastics and plastic laminates
7. Preheat flux
8. Remove windshield caulking
9. Shrink packing

ES-640SI



Weight:	70g (no gas)
Fule:	Butane
Gas Container Capacity:	7.5ml
Operating Time:	30 ~ 40min
Size (LxD):	183 x 25mm
Approx. Temp.:	200 ~ 400°C

Features:

- Instant electronic ignition
- Variable flame control
- Refillable tank / See through window
- Compact single hand operation
- Stable heating - Catalytic heating system
- 30W ~ 80W Equivalent Electrical power
- 3-in-1 soldering iron / hot air blower / torch tool with protect cap
- Durable, long-life soldering tip

Applications:

SOLDERING IRON

- Electrical / electronic repair
- Circuit board connections
- Wire harness repairs
- General soldeting
- Welding
- Jewelry, Spectacle frame repair
- Industrial Cable repair and installation
- Automotive and truck repair
- Mobile Installers

TORCH

1. Culinary (Crème Brulee , Browning Meringues)
2. Soldering
3. Outdoor Activity
4. Camping
5. Household repairs
6. Laboratories
7. Cigar and pipe lighter
8. Plumbing
9. Automotive and truck repairs
10. Hobbies
11. Do-it-yourself repairs
12. Dental Repairs
13. Welding

HEAT GUN

1. General heating and drying
2. Heat shrink tubing and sleeves
3. Thawing Frozen Locks
4. Activate adhesive and potting compounds
5. Stretch Vinyls
6. Bend and form plastics and plastic laminates
7. Preheat flux
8. Remove windshield caulking
9. Shrink packing

ES-665KB - Gas Professional Soldering Iron Kit



Weight:	150g (no gas)
Fule:	Butane
Gas Container Capacity:	22ml
Operating Time:	> 125min
Size (LxWxD):	245 x 30 x 25mm
Approx. Temp.:	200 ~ 500°C

Includes:

- ES-665 3 Function Cordless Butane Gas Professional Soldering Iron (with 1.6mm Conical Tip)
- 2.4mm Chisel (5 Levels Professional plating)
- Hot Knife Tip
- Deflector Tip
- Min Wrench
- Sponge
- Soldering Wire: Dia Ø1.0mm weight 15g

Applications:

SOLDERING IRON

1. Electrical/ Electronic Circuit repair
2. Circuit Board Connections
3. Wire Harness repairs
4. General Soldering
5. Welding
6. Jewelry, Spectacle Frame Repair
7. Industrial Cable repairs and installation
8. Automotive and Truck repairs
9. Mobile Installers

TORCH

1. Culinary (Crème Brulee , Browning Meringues)
2. Soldering
3. Outdoor Activity
4. Camping
5. Household repairs
6. Laboratories
7. Cigar and pipe lighter
8. Plumbing
9. Automotive and truck repairs
10. Hobbies
11. Do-it-yourself repairs
12. Dental Repairs
13. Welding

HEAT GUN

1. General heating and drying
2. Heat shrink tubing and sleeves
3. Thawing Frozen Locks
4. Activate adhesive and potting compounds
5. Stretch Vinyls
6. Bend and form plastics and plastic laminates
7. Preheat flux
8. Remove windshield caulking
9. Shrink packing

ES-645KB - Economical Soldering Iron Kit

Includes:

- ES-645 3 Function Cordless Butane Gas Professional Soldering Iron (with 1.6mm Conical Tip)
- 2.4mm Chisel Tip
- 2.4mm Conical Tip
- Hot Knife Tip
- Deflector Tip
- Min Wrench
- Sponge Set
- Coil of solder
- Cap

Applications:

SOLDERING IRON

1. Electrical/ Electronic Circuit repair
2. Circuit Board Connections
3. Wire Harness repairs
4. General Soldering
5. Welding
6. Jewelry, Spectacle Frame Repair
7. Industrial Cable repairs and installation
8. Automotive and Truck repairs
9. Mobile Installers
9. Shrink packing

HEAT GUN

1. General heating and drying
2. Heat shrink tubing and sleeves
3. Thawing Frozen Locks
4. Activate adhesive and potting compounds
5. Stretch Vinyls
6. Bend and form plastics and plastic laminates
7. Preheat flux
8. Remove windshield caulking
9. Shrink packing

TORCH

1. Culinary (Crème Brulee , Browning Meringues)
2. Soldering
3. Outdoor Activity
4. Camping
5. Household repairs
6. Laboratories
7. Cigar and pipe lighter
8. Plumbing
9. Automotive and truck repairs
10. Hobbies
11. Do-it-yourself repairs
12. Dental Repairs
13. Welding



TOOLS - WIRE STRIPPERS

HS-700B - Automatic wire stripper with spring return



Stripping mm ² :	0.5mm ² ~ 6mm ²
Length:	175mm
Weight:	0.36kg

Features:

- Precise blade design that does not damage the conductor or cores
- During stripping the wire is held firmly by clamping jaws with adjustable length stop
- The spring returns the stripper to the starting position

HS-700A - Automatic wire stripper with spring return



Stripping Range:	0.5mm ² - 2mm ²
Length:	175mm
Weight:	0.36kg

Features:

- Precise blade design that does not damage the conductor or cores
- During stripping the wire is held firmly by clamping jaws with adjustable length stop
- The spring returns the stripper to the starting position

HS-700D - Auto-adjustable duck-mouth wire stripper and cutter



Stripping mm ² :	0..25mm ² ~ 6mm ²
Length:	175mm
Weight:	0.22kg

Features:

- Automatic stripping diameter for different wire cross sections precise blade design facilitated stripping without damaging the conductor cores
- The spring returns the stripper to the starting position

TOOLS - CRIMPERS - END SLEEVES

AP-04WFL - Ratchet energy saving crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.5mm ² - 6mm ²
Length:	250mm
Weight:	0.6kg
AWG:	20-11

Features:

- Ratchet Release
- Pressure Adjustment

AP-26TW - Ratchet energy saving crimping tool for double bootlace ferrules (end sleeves)



Crimping Range:	2 x 0.5mm ² - 2 x 6mm ²
Length:	250mm
Weight:	0.73kg
AWG:	2 x 20-10

Features:

- Ratchet Release
- Pressure Adjustment

YAC-5 - Ratchet crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.5mm ² - 6mm ²
Length:	200mm
Weight:	0.4kg
AWG:	12-4

Features:

- Ratchet Release
- Pressure Adjustment

HSC8 6-4 - Ratchet square crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.25mm ² - 6mm ²
Length:	175mm
Weight:	0.38kg
AWG:	23-11

Features:

- Ratchet Release
- Pressure Adjustment
- Self adjusting

HSC8 6-6 - Ratchet hexagonal crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.25mm ² - 6mm ²
Length:	175mm
Weight:	0.38kg
AWG:	23-10

Features:

- Ratchet Release
- Pressure Adjustment
- Self adjusting

YAC-6 - Ratchet crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.5mm ² - 16mm ²
Length:	203mm
Weight:	0.4kg
AWG:	12-4

Features:

- Ratchet Release
- Pressure Adjustment

HSC8 16-4 - Ratchet square crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	4mm ² - 6mm ²
Length:	210mm
Weight:	0.52kg
AWG:	12-6

Features:

- Ratchet Release
- Pressure Adjustment
- Self adjusting

YYT-22 - Spring operated crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.5mm ² - 2.5mm ²
Length:	150mm
Weight:	0.18kg
AWG:	24-14

Features:

- Spring operated

VH1-06WF - Mini ratchet crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.25mm ² - 6mm ²
Length:	170mm
Weight:	0.305kg
AWG:	23-11

Features:

- Ratchet Release
- Pressure Adjustment

YAC-8 - Square ratchet crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.08mm ² - 6mm ²
Length:	175mm
Weight:	0.38kg
AWG:	28-10

Features:

- Ratchet Release
- Pressure Adjustment
- Self adjusting

YAC-9 - Hexagonal ratchet crimping tool for bootlace ferrules (end sleeves)



Crimping Range:	0.08mm ² - 6mm ²
Length:	170mm
Weight:	0.38kg
AWG:	28-10

Features:

- Ratchet Release
- Pressure Adjustment
- Self adjusting

YAC-3 - Co-Axial hex crimping tool



Crimping Range:	1.72mm ² - 8.2mm ²
Length:	240mm
Weight:	0.52kg

Features:

- Ratchet Release
- Pressure Adjustment

YAC13 - Molex type terminal crimping tool (2.54/3.96)



Crimping Range:	0.08mm ² - 0.8mm ²
Length:	175mm
Weight:	0.42kg
AWG:	28-18

Features:

- Ratchet Release
- Pressure Adjustment

TC14402 - Ratchet crimping tool. For four mandrel turned contact. Deutsch type terminal crimper



Crimping Range:	0.5mm ² - 1.5mm ²
Length:	165MM
Weight:	0.28kg
AWG:	22-16

Features:

- Ratchet Release
- Self Adjusting

YYT-1 - Ratchet crimping tool for pre-insulated terminals



Crimping Range:	0.5mm ² - 6mm ²
Length:	254mm
Weight:	0.603kg
AWG	20-11

Features:

- Pressure Adjustment
- Ratchet release

AP-03C - Ratchet energy saving crimping tool for pre-insulated terminals



Crimping Range:	0.5mm ² - 6mm ²
Length:	250mm
Weight:	0.55kg
AWG	20-10

Features:

- Continuous crimping at preset tension ensures accurate crimp
- Ratchet release
- Pressure adjustment

AP-30J - Ratchet energy saving crimping tool for pre-insulated terminals



Crimping Range:	1mm ² - 6mm ²
Length:	250mm
Weight:	0.55kg
AWG	17-10

Features:

- Continuous crimping at preset tension ensures accurate crimp
- Ratchet release

L6011 - Crimping tool for pre-insulated terminals with built-in wire stripper and screw cutter & ignition terminals



Crimping Range:	0.5mm ² - 6mm ²
Length:	203mm
Weight:	0.28kg
AWG	22-10

Features:

- Low cost

L6202 - Crimping tool for brass roll-in (open barrel terminals)



Crimping Range:	0.8mm ² - 2.5mm ²
Length:	170mm
Weight:	0.22kg
AWG:	28-15

Features:

- Spring operated

HS-03B - Ratchet crimping tool for brass roll-in terminals (open barrel terminals)



Crimping Range:	1.5mm ² - 6mm ²
Length:	230mm
Weight:	0.6kg
AWG:	28-15

Features:

- Ratchet Release
- Pressure Adjustment

AP-07FL - Ratchet energy saving crimping tool for pre-insulated flag terminals

Crimping Range:	1.5mm ² - 2.5mm ²
Length:	250mm
Weight:	0.55kg
AWG	15-13

Features:

- Continuous crimping at preset tension ensures accurate crimp
- Ratchet release
- Pressure adjustment



YYT11 - Ratchet crimping tool for brass roll-in terminals (open barrel terminals)



Crimping Range:	0.5mm ² - 6mm ²
Length:	227mm
Weight:	0.56kg
AWG:	22-10

Features:

- Ratchet Release
- Pressure Adjustment

A-2546B - MC4 Crimping Tool



Crimping Range:	2.5mm ² ~ 6mm ²
Length:	270mm
Weight:	0.74
AWG	13~10

Features:

- Applicable for non-welding and standard electric connections.
- Internal Lock with self releasing mechanism

FSE-MC4 - MC4 Crimping Tool

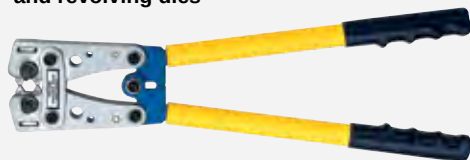


Crimping Range:	2.5mm ² ~ 6mm ²
Length:	220mm
Weight:	0.49
AWG	13~10

Features:

- Applicable for non-welding and standard electric connections.
- Internal Lock with self releasing mechanism

HX-50B - Hexagonal tool with moveable and revolving dies

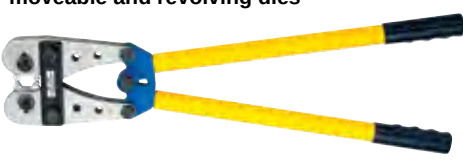


Crimping Range:	6mm ² - 50mm ²
Length:	390mm
Weight:	1.72kg

Features:

- Easy operation: press to rotate the inside dies
- Has an anti-slip handle for a safe application for heavy crimping works
- Used for non-welding and standard electrical connection
- Made of hardened steel, long life, accurate bore diameter and good crimping effect

HX-120B - Hexagonal tool with moveable and revolving dies

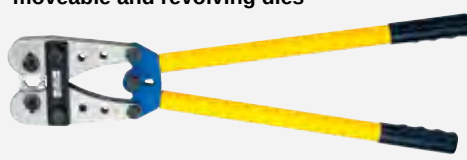


Crimping Range:	10mm ² - 120mm ²
Length:	620mm
Weight:	4.0kg

Features:

- Easy operation: press to rotate the inside dies
- Has an anti-slip handle for a safe application for heavy crimping works
- Used for non-welding and standard electrical connection
- Made of hardened steel, long life, accurate bore diameter and good crimping effect

HX-150B - Hexagonal tool with moveable and revolving dies



Crimping Range:	25mm ² - 150mm ²
Length:	620mm
Weight:	4.0kg

Features:

- Easy operation: press to rotate the inside dies
- Has an anti-slip handle for a safe application for heavy crimping works
- Used for non-welding and standard electrical connection
- Made of hardened steel, long life, accurate bore diameter and good crimping effect

YYT8 - Ratchet crimping tool for copper lugs and ferrules



Crimping Range:	1.5mm ² - 10mm ²
Length:	262mm
Weight:	0.58kg

Features:

- Ratchet Release

HEXB-16 - Ratchet indent crimping tool for copper lugs and ferrules



Crimping Range:	1.5mm ² - 16mm ²
Length:	330mm
Weight:	0.66kg

Features:

- Ratchet Release

HS-16 - Ratchet indent crimping tool for copper lugs and ferrules



Crimping Range:	1.25mm ² - 16mm ²
Length:	270mm
Weight:	0.70kg

Features:

- Ratchet Release

HS-22 - Ratchet indent crimping tool for copper lugs and ferrules



Crimping Range:	5.5mm ² - 25mm ²
Length:	360mm
Weight:	0.84kg

Features:

- Ratchet Release

HS-38 - Ratchet indent crimping tool for copper lugs and ferrules



Crimping Range:	6mm ² - 38mm ²
Length:	354mm
Weight:	0.86kg

Features:

- Ergonomic handle design and providing a comfortable grip, more convenient operation.
- Labor-saving ratchet device, easy operation, clear crimping effects.
- The small size, simple operation and lock-controlled switch ensure durability and good performance.

HT200R - Ratchet modular crimping tool



Crimping Range:	RJ10, RJ11/12, FJ45
Length:	205mm
Weight:	0.51kg

Features:

- Ratchet Release

L6095YO - Indent crimping tool for copper lugs and ferrules



Crimping Range:	10mm ² - 120mm ²
Length:	570mm
Weight:	3.12kg

Features:

- Adjustable nest dies

TOOLS - HYDRAULIC PUMPS & TOOLS

CFP-800 - Foot operated, 2 stage, hydraulic pump complete with hose and female coupling



Pressure:	700 Bar 10 000psi
Weight:	17.7kg

Features:

- Single-acting foot pump and pressure release lever with wide bottom frame
- High pressure oil pipe supplied as well as Steel case for easy carrying
- Foot operated style
- Quick couple kept fast connection with compatible tools
- Double speed unit: for quick operation, allow quick oil delivery under no load condition (12.26cc/stroke) and then build sufficient working pressure under load condition (20-700 bar)
- Safety valve: automatically relieves pressure when rated pressure is reached, to protect hydraulic system from over pressure

CO-630A for use with CFP800 - Hydraulic crimping tool head



Crimping Range:	150mm ² - 630mm ²
Output:	35 Tons/10000PSI working Pressure
Length:	360mm
Weight:	16.5kg
RAM Stroke:	25mm
Accessories:	Case and Dies
Dies included:	150mm, 185mm, 240mm, 300mm, 400mm, 500mm, 630mm

Features:

- Case Included

TOOLS - CRIMPERS - HYDRAULIC

HP-240 - Hydraulic crimping tool (hand-held)



Features:

- Manual release

Crimping Range:	16mm ² - 240mm ²
Length:	480mm
Output:	12 Tons
Accessories:	Case and Dies
Weight:	3.8kg
RAM Stroke:	18mm
Dies Included:	16mm, 25mm, 35mm, 50mm, 70mm, 95mm, 120mm, 150mm, 185mm, 240mm

HP-240F - Hydraulic crimping tool (hand-held)



Features:

- Auto pressure valve

Crimping Range:	16mm ² - 240mm ²
Length:	380mm
Output:	5 Tons
Accessories:	Case and Dies
Weight:	3kg
RAM Stroke:	15mm
Dies Included:	16mm, 25mm, 35mm, 50mm, 70mm, 95mm, 120mm, 150mm, 185mm, 240mm

HP-300 - Hydraulic crimping tool (hand-held)



Features:

- Manual Release

Crimping Range:	16mm ² - 300mm ²
Length:	480mm
Output:	12 Tons
Accessories:	Case and Dies
Weight:	3.9kg
RAM Stroke:	18mm
Dies Included:	16mm, 25mm, 35mm, 50mm, 70mm, 95mm, 120mm, 150mm, 185mm, 240mm, 300mm

HP-400 - Hydraulic crimping tool (hand-held)



Features:

- Manual Release

Crimping Range:	16mm ² - 400mm ²
Length:	480mm
Weight:	4.3kg
RAM Stroke:	18mm
Dies Included:	16mm, 25mm, 35mm, 50mm, 70mm, 95mm, 120mm, 150mm, 185mm, 240mm, 300mm, 400mm

HOLE PUNCHES & CUTTERS - HYDRAULIC

MAP- 8A - Inline hydraulic hole punch 360° adjustable for punching holes in electrical switchboards and panels

Max Thickness:	Mild Steel: 3.2mm ² Staninless steel: 1.6mm ²
Punching Force:	16 Tons
Dies Included:	21.8mm, 22.6mm, 54.1mm, 42.7mm, 48.7mm, 60.2mm

Notes:

- Includes plastic carry case
- It contain hydraulic punch driver.
- With straight head, compact and easy carrying.
- With the help of hydraulic system, making holes by hand become fast & easy
- 360 degree head design for flexible operation in place.



LK-22A - Cable and wire cutter for CU/AL



Cutting Range:	Up to 25mm ²
Length:	160mm
Max Diameter:	15mm
Weight:	0.19kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

LK-38A - Cable and wire cutter for CU/AL



Cutting Range:	Up to 35mm ²
Length:	190mm
Max Diameter:	7mm
Weight:	0.3kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

LK-60A - Cable and wire cutter for CU/AL



Cutting Range:	Up to 60mm ²
Length:	210mm
Max Diameter:	20mm
Weight:	0.4kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

LK-250 - Heavy duty cable cutter with long handles



Cutting Range:	Up to 250mm ²
Length:	600mm
Weight:	1.2kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

LK-500 - Heavy duty cable cutter with long handles



Cutting Range:	Up to 500mm ²
Length:	800mm
Weight:	2.8kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

L71400SC - Energy saving heavy duty wire rope and cable cutter with long handles



Cutting Range:	16mm Ø steel rope or up to 200mm ² copper cable
Length:	780mm
Weight:	3.2kg

Notes:

- Suitable for cutting steel wire, armoured cable and steel rope

L71060SC - Heavy duty wire rope cutters with long handles



Cutting Range:	7mm Ø steel rope or 5mm steel rod or up to 60mm ² copper cable
Length:	300mm
Weight:	0.80kg

Notes:

- Not Suitable for cutting steel wire and armoured cable

L71200SC - Heavy duty wire rope cutter with long handles



Crimping Range:	14mm Ø steel rope or 9mm steel rod or up to 200mm ² copper cable
Length:	600mm
Weight:	1.70kg

Notes:

- Not Suitable for cutting steel wire and armoured cable

HS-95A - Cable and wire cutter for CU/AL



Cutting Range:	Up to 70mm ²
Length:	220mm
Max Diameter:	15mm
Weight:	0.29kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

HS-325A - Ratchet cable core cutter for CU/AL



Cutting Range:	Up to 240mm ²
Length:	260mm
Max Diameter:	32mm
Weight:	0.7kg

Notes:

- Not Suitable for cutting steel wire, armoured cable and steel rope

LK-450A - Ratchet cable core cutter for CU/AL



Cutting Range:	Up to 400mm ²
Length:	240mm
Max Diameter:	45mm
Weight:	1.06kg

Features:

- Not Suitable for cutting steel wire, armoured cable and steel rope

SDM8 - 8 Piece "Tyre-Grip" engineering screwdriver set

Slotted:	3.0 x 150mm; 5.0 x 100mm; 6.5 x 100mm; 8.0 x 150mm
Phillips:	PH1; PH2
POZI:	PZ1; PZ2

Features:

- Slip resistant "Tyre-Grip" handle
- Premium Quality SVCM blade 58~61 HRC
- Strong magnetic black tip
- 23% Strength saving



SDMPH2300 - "Type-Grip" engineering screwdriver

Phillips:	PH2 x 300mm Long
-----------	------------------

Features:

- Long blade length ideal for reaching deeply inset screw
- Cr-V material 54~58 HRC



SDD2 - 2 Piece demolition screwdriver set

Slotted:	8 x 200mm
Phillips:	PH2 x 200mm

Features:

- Steel core transfers strike force from strike cap to tip
- Slip resistant design handle
- 100% oil resistant



SDE6 - 6 Piece "Tyre-Grip" handle 1000V screwdriver set

Slotted:	3.0mm x 75mm
Phillips:	PH2 x 100mm

Features:

- Superior slip resistant "Tyre-Grip" handle
- Premium Quality Cr-V Blade
- 54~58 HRC
- Black magnetic tip
- 23% strength saving

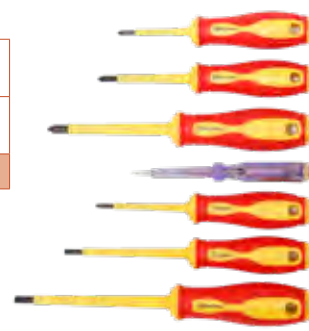


SDE7 - 7 Piece "Tyre-Grip" handle 1000V screwdriver set

Slotted:	3.0 x 75mm; 4.0 x 100mm; 5.5 x 125mm
Phillips:	PH0 x 60mm; PH1 x 5mm; PH2 x 100mm
Neon Tester	

Features:

- 1000V certification
- Superior slip resistant "Tyre-Grip" handle
- Cr-V material 54 ~ 58HRC
- Black magnetic tip
- 23% Strength saving



TCB160E - 160mm Electrical Combination Pliers



Features:

- Drop Forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered Jaws.
- Slip-guard safety handles.
- Chrome plated / Satin finish.

TLN160E - Long Nose 160mm Electrical Pliers



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TSC160E - Standard 160mm Electrical Side Cutters



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TOOLS - PLIERS INSULATED - 200MM



TCB200E - 200mm Electrical Combination Pliers



Features:

- Drop Forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered Jaws.
- Slip-guard safety handles.
- Chrome plated / Satin finish.

TLN200E - Long Nose 200mm Electrical Pliers



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TSC200E - Standard 200mm Electrical Side Cutters



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered jaws.
- Slip-guard safety handles.
- Chrome-plated / Satin finish.

TOOLS - PLIERS UN-INSULATED - 160MM



TCB160 - 160mm Combination Pliers



Features:

- Size: 160mm
- Close fit machined jaws for efficient cutting
- Brushed steel finish
- Easy grip, non slip handle
- Two-position, adjustable joint pliers used for grasping and turning

TSC160 - 160mm Side Cutters Pliers



Features:

- Size: 160mm
- Close fit machined jaws for efficient cutting
- Brushed steel finish
- Easy grip, non slip handle

TLN160 - 160mm Long Nose Pliers



Features:

- Size: 160mm
- Close fit machined jaws for efficient cutting
- Brushed steel finish
- Easy grip, non slip handle

TOOLS - PLIERS UN-INSULATED - 200MM



TCB200 - 200mm Combination Pliers



Features:

- Size: 200mm
- Close fit machined jaws for efficient cutting
- Brushed steel finish
- Easy grip, non slip handle
- Two-position, adjustable joint pliers used for grasping and turning

TSC200 - 200mm Side Cutters Pliers



Features:

- Size: 200mm
- Close fit machined jaws for efficient cutting
- Brushed steel finish
- Easy grip, non slip handle

TLN200 - 200mm Long Nose Pliers



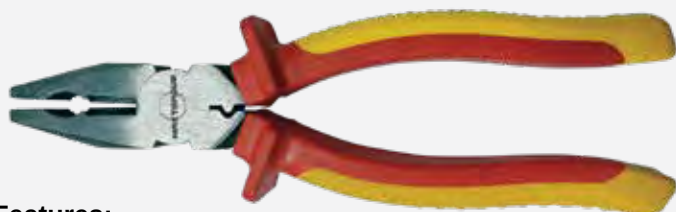
Features:

- Size: 200mm
- Close fit machined jaws for efficient cutting
- Brushed steel finish
- Easy grip, non slip handle

TOOLS - CRIMPING TOOLS



TCP230EC - 230mm Electrical Pliers with Crimper



Features:

- Drop Forged from high grade special tool steel.
- Individually induction hardened.
- Corrosion protected lacquered surface.
- Tempered Jaws.
- Slip-guard safety handles.
- Chrome plated / Satin finish.

CRMP - Crimping Tool



Features:

- Drop forged from high grade special tool steel.
- Individually induction hardened.
- Tempered cutting edge.
- Multi purpose tool.

TOOLS - TAPE MEASURES

TMT313TL - 3m x 16mm Measuring Tape



Features:

- Power return steel tape in plastic / rubber moulded case with tape stopper.
- Graduated mm both edges

TMT519TL - 5m x 19mm Measuring Tape



Features:

- Power return steel tape in plastic / rubber moulded case with tape stopper.
- Graduated mm both edges

TMT825TL - 8m x 25mm Measuring Tape



Features:

- Power return steel tape in plastic / rubber moulded case with tape stopper.
- Graduated mm both edges

TOOLS - HACKSAWS

THS300 - 300mm Standard Hacksaw



Features:

- General purpose lightweight manufactured to quality standards.

THS300P - 300mm Heavy Duty Hacksaw



Features:

- Heavy-duty.
- Die-cast handle and front gives exceptional blade tensioning.
- Screw pivot lever device for wasy tensioning.
- Easily changeable from vertical to 45 degree cutting.
- Supplied with blade.

THS150P - 150mm Junior Hacksaw



Features:

- Steel rod frame
- Easy to hold, 150mm blade Plastic Handle.
- Steel rectangular frame with increased strength.
- Plastic moulded grip.

TOOLS - HACKSAW BLADES

ECLIPSE HACKSAW BLADES



HS18 18TPI HSS Eclipse	300mm
HS24 24TPI HSS Eclipse	300mm
HS32 32TPI HSS Eclipse	300mm

LOW ALLOY QUALIFLEX



HL18 18TPI Low Alloy Qualiflex	300mm
HL24 24TPI Low Alloy Qualiflex	300mm
HL32 32TPI Low Alloy Qualiflex	300mm

TOOLS - HAMMERS

TBPH300 - 300g Hammer Ballpein



Features:

- Ball end used for riveting and poll used for normal striking

TBPH500 - 500g Hammer Ballpein



Features:

- Ball end used for riveting and poll used for normal striking

TOOLS - KNIVES AND BLADES

TKSB18 - Trimming Knife, Snap Off Blade



Features:

- 18mm Snap off blade

MIT-F7270 TK2 - Trimming knife - Retractable blade



Features:

- Retractable blade

F4041TKB10 - Standard duty blades - 10PK



Features:

- Standard replacement blades

Heavy duty blades

Features:

- Sheffield steel blades.



F4030TK1B/H5	Heavy duty blades - 5PK
F4036TK1B/H20	Heavy duty blades - 20PK
F4031TK1B/H100	Heavy duty blades - 100PK
F4035TK1B/H350	Heavy duty blades - 350PK

TOOLS - MULTITOOLS & ALLEN KEYS

MFP - Multitool



Features:

- Made from stainless-steel and comes with a high-quality nylon holster. It is compact and convenient.
- Folded dimensions: 10.5 cm (L) x 4.1cm (W) x 1.7 CM (H)
- Includes: Long nose pliers, Curve jaw pliers, Wire cutter, Saw, Phillips screwdriver, Standard screwdrivers, Small knife, Large knife, Bottle opener, Scissors, File

TAB163 - 9pc Allen Key Set



Features:

- Knife type
- Heavy duty Carbon steel.
- Size: 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8,

TAK9PH - Allen Key Set



Features:

- Ball type long series.
- Supplied in plastic holder.
- Heavy duty Carbon steel.
- Supplied in plastic holder.
- Size: 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10

TOOLS - UNIVERSAL PANEL KEY

TUKEY - Universal Panel Key

Features:

- Multi purpose - electrical panels.
- Material - die cast zinc.
- 4 way general purpose key.



TOOLS - ADJUSTABLE SPANNERS

TAW100 - 100mm Adjustable Spanner



Features:

- Manufactured to DIN3117 specifications.
- Graduations of face.
- Drop forged from high quality CV steel.
- Black phosphate finish.

TAW150 - 150mm Adjustable Spanner



Features:

- Manufactured to DIN3117 specifications.
- Graduations of face.
- Drop forged from high quality CV steel.
- Black phosphate finish.

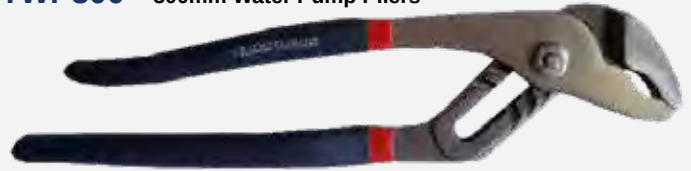
TWP250 - 250mm Water Pump Pliers



Features:

- High Quality Steel

TWP300 - 300mm Water Pump Pliers



Features:

- High Quality Steel

KITS

TDEPIKS - 150 Pieces Pre-Insulated Electrical Terminal Kit, 18 compartment plastic box



IES KIT - 1000 Piece Pre-Insulated Terminal Kit, 18 compartment plastic box



PROKIT 2 - 2150 Pieces Pre-Insulated Electrical Terminal Kit, steel box with 24 compartments



TDAPIKL - 750 Pieces Pre-Insulated Automotive Terminal Kit, 18 compartment plastic box



PROKIT 3 - 1475 Pieces Electrical Kit. Copper lugs and ferrules in steel box with 24 compartments.



HSK170 - 170 Pieces Heatshrink Tubing Kit - Colour - 1.00mm - 9.0mm



HSK230 - 230 Pieces Heatshrink Tubing Kit - Black



KX1650 - 1750W Heat gun



Features:

- Tubing length: 100mm
- Sizes: 1.0 / 2.0 / 3.0 / 4.5 / 6.0 / 9.0mm

Features:

- Tubing length: 100mm
- Sizes: 3.0 / 4.5 / 6.0 / 9.0 / 12.0 / 18.0mm

Power Output(W):	1750
Heat settings:	2
Temperature range:	460 - 600°C
Air flow:	570 / 740 l/min

Features:

- Ideal for stripping paint, varnishes & adhesives
- Built in stand for hands free applications and cooling
- 2 heat & airflow settings for more control in different applications

MAXMINI1 - 15pc Toolkit



Bag Dimensions: 30cm (H) x 18cm (W)

Features MAXMINI1:

- MaxMini Bag Included
- 1pc 6 LED Headlight with Adjustable Setting
- 1pc Utility Knife
- 7pc 1000V Insulated Screwdriver set:
Slotted: 3.0 x 75mm, 4.0 x 100mm, 5.5 x 125mm
Philips: PH0 x 60mm, PH1 x 75mm, PH2 x 100mm
- Neon Tester
- 1pc 150mm Adjustable Spanner
- 1pc 200mm Long Nose Pliers
- 1pc 200mm Diagonal Plier
- 1pc 200mm Combination Plier
- 1pc Universal Panel Key

MAXELEC- 16pc Toolkit (without Meter)



Bag Dimensions: 38cm (H) x 24cm (W)

Features:

- MaxElec Bag Included
- 1pc Utility Knife
- 1pc Allen Key Set, comprising of 9 keys: - 1.5, - 2.0, - 2.5, - 3.0, - 4.0, - 5.0, - 5.5, - 6.0, - 8.0
- 7pc 1000V Insulated Screwdriver set:
Slotted: 3.0 x 75mm, 4.0 x 100mm, 5.5 x 125mm
Philips: PH0 x 60mm, PH1 x 75mm, PH2 x 100mm
- Neon Tester
- 1pc 200mm Adjustable Spanner
- 1pc 6 LED Headlight with Adjustable Setting
- 1pc 160mm Long Nose Pliers
- 1pc 180mm Diagonal Cutter
- 1pc 160mm Combination Plier
- 1pc Indent Crimper

MAXPRO - 16pc Toolkit Pro (without Meter)



Bag Dimensions: 38cm (H) x 24cm (W)

Features:

- MaxPro Bag Included
- 1pc 200mm Adjustable Spanner
- 1pc Utility Knife
- 7pc 1000V German Insulated Screwdriver set:
Slotted: 3.0 x 75mm, 4.0 x 100mm, 5.5 x 125mm
Philips: PH0 x 60mm, PH1 x 75mm, PH2 x 100mm
- Neon Tester
- 1pc 22mm Cable Cutter
- 1pc 160mm Long Nose Pliers (Super Range)
- 1pc 180mm Pliers (Super Range)
- 1pc Indent Crimper
- 1pc Universal Panel Key
- 1pc 6 LED Headlight with Adjustable Setting

MAXBP- Backpack for your tools



Bag Dimensions: 46cm x 16cm x 37cm

Features:

- Excellent quality for electricians, technicians, HVAC, Mining and anyone who needs tools on the move.
- Internal removeable pocket sleeve for loose tools.

1-95-611 - FATMAX Backpack toolbag - 37cm x 27cm x 46cm



Features:

- 50 Pockets / tool holders for a wide variety of tools, including longer tools on the side such a level
- Waterproof plastic bottom protects against moisture and dirt
- Removable dividers system with tool holders is easily detachable, with handle for easy carriage. Spreads to form a work surface
- Rigid form can stand in open position enabling access to all tools
- Back support system and air mesh shoulder straps for ergonomic, convenient carriage. Spreads weight of tools instead of lifting in one hand
- Separate, strong compartment for power tool or laptop
- Dual zipper closure enables opening from every end
- Weight when empty 2,21kg / 28l

According to the IEC (International Electrotechnical Commission), multimeter manufacturers must follow the safety testing guidelines for all of their products to ensure that each device meets or exceeds the rating required. These measures are put in place to protect the user from unintentional shock, potentially resulting in death.

There are four levels defined by the type of load to be measured

CAT I	Electronic Devices	Anything from a small circuit board to larger device with high-voltage but low-energy
CAT II	Single-Phase AC Loads	Appliances or portable tools
CAT III	Three-Phase Distribution	Some large building lighting systems and polyphase motors
CAT IV	Three-Phase Utility Connections or Outdoor Conductors	Electrical meters, outdoor connections, any low-voltage and high-energy connection



Within these four levels, the IEC has setup transient test guidelines for each category.

Measurement Category	Working Voltage	Transient Voltage	Test Source (Impedance)
CAT I	150 V	800 V	30 Ohms
CAT I	300 V	1500 V	30 Ohms
CAT I	600 V	2500 V	30 Ohms
CAT I	1000 V	4000 V	30 Ohms
CAT II	150 V	1500 V	12 Ohms
CAT II	300 V	2500 V	12 Ohms
CAT II	600 V	4000 V	12 Ohms
CAT II	1000 V	6000 V	12 Ohms
CAT III	150 V	2500 V	2 Ohms
CAT III	300 V	4000 V	2 Ohms
CAT III	600 V	6000 V	2 Ohms
CAT III	1000 V	8000 V	2 Ohms
CAT IV	150 V	4000 V	2 Ohms
CAT IV	300 V	6000 V	2 Ohms
CAT IV	600 V	8000 V	2 Ohms
CAT IV	1000 V	12000 V	2 Ohms

If we extend this to calculate the current for the working and transient voltages, you'll see that even though two CAT ratings cover the same working voltage, that does NOT mean they are an equal.

Measurement Category	Working Voltage	Transient Voltage	Test Source (Impedance)	Working Current	Transient Current
CAT I	150V	800V	30 Ohms	5A	26.6A
CAT I	300V	1500V	30 Ohms	10A	50A
CAT I	600V	2500V	30 Ohms	20A	83.3A
CAT I	1000V	4000V	30 Ohms	33.3A	133.3A
CAT II	150V	1500V	12 Ohms	12.5A	125A
CAT II	300V	2500V	12 Ohms	25A	208.3A
CAT II	600V	4000V	12 Ohms	50A	333.3A
CAT II	1000V	6000V	12 Ohms	83.3A	500A
CAT III	150V	2500V	2 Ohms	75A	1250A
CAT III	300V	4000V	2 Ohms	150A	2000A
CAT III	600V	6000V	2 Ohms	300A	3000A
CAT III	1000V	8000V	2 Ohms	500A	4000A
CAT IV	150V	4000V	2 Ohms	75A	2000A
CAT IV	300V	6000V	2 Ohms	150A	3000A
CAT IV	600V	8000V	2 Ohms	300A	4000A
CAT IV	1000V	12000V	2 Ohms	500A	6000A

Now using CAT III at 600V and CAT II at 1000V as an example clearly displays how just because the rated working voltage is higher, does NOT mean that it can handle as much overall.

There is no sure way to know what rating a meter is without finding the CAT rating either on the unit itself or on the multimeter's datasheet. Remember, when in doubt, more protection is always better.

UTP1306 - Power Supply



RoHS
CE

- Output Voltage: 32V
- Output Current: 6A
- Output Power: 192W
- Resolution: 10mV / 1mA
- Panel lock function
- Over Current Protection

UTP1310 - Power Supply



RoHS
CE

- Output Voltage: 32V
- Output Current: 10A
- Output Power: 320W
- Resolution: 10mV / 1mA
- Panel lock function
- Over Current Protection

UTP3315TFL-II - Power Supply



RoHS
CE

- Output Voltage: 0-30V
- Output Current: 0-5A
- Output Power: 150W
- Ripple Noise: $\leq 0.8\text{mVrms}$
- Reliability: MTBF(e): $\geq 2000\text{hrs}$
- Display Mode: LED Voltage and Current Dual Display

UNI-T OSCILLOSCOPES

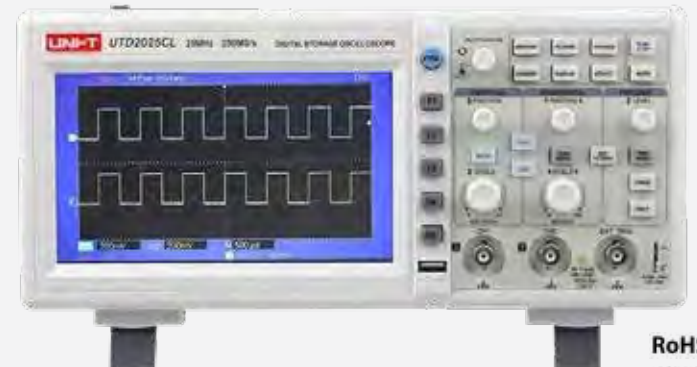
UTD1102C - Handheld Storage Oscilloscope

- DC Voltage: 1000V
- AC Voltage: 700V
- AC/DC Current: 6mA ~ 6A
- Resistance: 60M Ω
- Capacitance: 600 μF
- Channels: 2 (Dual)
- Bandwidth: 100MHz
- Sample Rate: 500MS/s
- Rise Time: $\leq 3.5\text{ns}$
- Memory Depth: 7.5kpts
- Vertical Sensitivity: 1mV/div ~ 50V/div
- Time-Based Range: 5ns/div ~ 50s/div
- Storage Setup: Wave, Bitmap
- Trigger Modes: Edge, Pulse, Video, Alternate
- Interfaces USB Host
- Display 5.7 inch TFT LCD (320x240)
- 6000 Display Count



RoHS
CE

UTD2025CL - 25MHz Storage Oscilloscope



- Channels: 2 (Dual)
- Sample Rate: 250MS/s
- Memory Depth: 25kpts
- Vertical Scale: 1mV/div ~ 20V/div
- Storage Setup: Wave, Bitmap
- Interfaces USB OTG, Pass/Fail
- Bandwidth: 25MHz
- Rise Time: $\leq 14\text{ns}$
- Waveform Capture Rate: $\geq 2000\text{wfms/s}$
- Time-Based Range: 10ns/div ~ 50s/div
- Trigger Modes: Edge, Pulse, Video, Alternate
- Display 7 inch WVGA TFT LCD (400 x 240)

RoHS
CE

UTD2052CL - +50MHz Storage Oscilloscope



- Channels: 2 (Dual)
- Sample Rate: 500MS/s
- Memory Depth: 64kpts
- Power: 100 ~ 240VAC, 50Hz/60Hz
- Time-Based Range: 5ns/div ~ 50s/div
- Trigger Modes: Edge, Pulse, Alternate
- Display 7 Inch TFT LCD, WVGA (400x240)
- Bandwidth: 50MHz
- Rise Time: $\leq 7\text{s}$
- Waveform Capture Rate: 5000wfms/s
- Vertical Scale: 1mV/div ~ 20V/div
- Storage: Setup, Wave, Bitmap
- Interface USB-OTG

UTD2102CEX-II - 100MHz Storage Oscilloscope



- Channels: 2 (Dual)
- Sample Rate: 1GS/s
- Memory Depth: 25kpts
- Waveform Capture Rate: $\geq 20000\text{wfms/s}$
- Vertical Sensitivity: 1mV/div ~ 20V/div (1M Ω)
- Time-Based Range: 2ns/div ~ 50s/div
- Trigger Modes: Edge, Pulse, Alternate, Slope, Video
- Waveform Operations: A+B; A-B; AxB; A/B; FFT
- Measurement Statistics: Average, Max, Min, Standard Deviation, Number
- Display 8 Inch TFT LCD, WVGA (800 x 480)
- Bandwidth: 100MHz
- Rise Time: $\leq 3.5\text{ns}$
- Storage: Setup, Wave, Bitmap

UTG932E - Waveform Generator



- Max Frequency: 30MHz
- Channels: 2
- Sampling rate : 200MSa/s
- Waveform: Sine, Square, Ramp, Pulse, Noise, DC, Arbitrary
- Working Modes: Output gating, Continuous, Modulation, Frequency sweep
- Modulation Types: AM, FM, PM, FSK, Line, Log
- Portable Handheld Mini Signal Generator
- High-accuracy, Broad-band 6 Bit Frequency Counter, Range: 100mHz ~ 100MHz
- Easy to Use Modulation Type
- 24 Non-Volatile Waveform stores
- 4.3 Inches High Resolution Colour TFT Display

UTG962E - Waveform Generator



- Max Frequency: 60MHz
- Sampling rate : 200MSa/s
- Waveform: Sine, Square, Ramp, Pulse, Noise, DC, Arbitrary
- Working Modes: Output gating, Continuous, Modulation, Frequency sweep
- Modulation Types: AM, FM, PM, FSK, Line, Log
- Portable Handheld Mini Signal Generator
- High-accuracy, Broad-band 6 Bit Frequency Counter, Range: 100mHz ~ 100MHz
- Easy to Use Modulation Type
- 24 Non-Volatile Waveform stores
- 4.3 Inches High Resolution Colour TFT Display

UT8803E - Benchtop Multimeter

- Reading Resolution: 5 5/6, max 5999
- DC Voltage range: 600mV ~ 1000V
- AC Voltage Range: 600mV ~ 750V
- Resistance Range: 600Ω ~ 60MΩ
- Inductance Range: 600μH ~ 100H
- Frequency Measurement Range: 600Hz ~ 20MHz
- Duty Cycle
- USB Interface
- Measuring rate: 2~3 Readings
- DC Current Range: 600μA ~ 20A
- AC Current Range: 600μA ~ 600MΩ
- Capacitance Range: 6nF ~ 6mF
- MAX / MIN / REL / TREND
- Data Record 20000



UT12D - Dual Mode AC Voltage Detector

- AC Voltage: 90V~1000V
- AC Voltage: 24V~1000V
- Sensitivity Switching: Auto
- APO
- Flashlight
- Audible/Visual Alarm
- Neutral & Live Line Distinction
- Indication LED: Green/Red/Yellow



UT12E - Dual Mode AC Voltage Detector

- AC Voltage: 90V ~ 1000V AC
- AC Voltage: 24V ~ 1000V AC
- Frequency: 50/60Hz
- Sensitivity Switching: Auto
- Audible/Visual Alarm
- Flashlight
- APO
- Vibration Mode
- Dual Insulation
- Neutral/Live Line Distinction
- Low Voltage Indication
- Indication LED: Green/Red/Yellow



PRO



UT12M - Dual Mode AC Voltage Detector

- AC Voltage: 90V ~ 1000V AC
- AC Voltage: 24V ~ 1000V AC
- Frequency: 50/60Hz
- Sensitivity Switching: Auto
- Audible/Visual Alarm
- Flashlight
- APO
- Magnetic Field Detection
- Dual Insulation
- Low Voltage Indication
- Neutral/Live Line Distinction
- Indication LED: Green/Red/Yellow



PRO



UT219P - AC Digital Power Clamp Meter

- AC Current: 1000A
- AC Voltage: 1000 V
- Power(Single Phase): 1000KW
- Power (3 Phase & 3 Wires): 1732KW
- Power (3Phase & 4 Wires): 3000KW
- Power Factor: -1 ~ 1
- Power Frequency: 15Hz ~ 1000Hz
- Jaw Opening 75mm
- Phase Detection: Positive & Negative
- AC/DC PEAK Measurement: 32 times
- LCD Screen
- APO
- Bluetooth
- Data hold
- True RMS
- Overload Indication
- High Voltage Indication
- High Voltage Overload Warning
- Low Battery Indication
- 9999 Display Count



UNI-T CLAMP METERS AC AMPERE

UT210A - Mini Clamp Meter

- AC Current: 200A
- Jaw Capacity 16mm
- Data Hold
- LCD Backlight
- APO
- Auto Range
- Low Battery Indication
- 2000 Display Count



UT210C - Mini TRMS Clamp Meter

- AC Current: 200A
- AC/DC Voltage: 600V
- Resistance: 20MΩ
- Capacitance: 20mF
- Temperature: -40°C ~ 1000°C
- Jaw Capacity 17mm
- Data Hold
- LCD Backlight
- APO
- Diode
- Continuity Buzzer
- Auto Range
- Low Battery Indication
- 2000 Display Count



UT256A - 200A TRMS Fork Meter

- AC Current: 200A
- AC/DC Voltage: 1000V
- Resistance: 20MΩ
- Capacitance: 60mF
- Frequency: 10 ~ 10kHz
- Auto Range
- Data Hold
- NCV
- LCD Backlight
- APO
- Continuity Buzzer
- Low Battery Indication
- 6000 Display Count



UT200A+ - Digital Clamp Meter

- AC Current: 400A
- DC Voltage: 600 V
- AC Voltage: 600V
- Frequency: 10H ~ 10kHz
- Resistance: 30kΩ
- Auto Range
- Jaw Capacity 28mm
- Diode
- Continuity Buzzer
- High Voltage Warning
- Backlight
- Flashlight
- 3099 Display Count



UT201+ - 400A TRMS Clamp Meter

- AC Current: 400A
- AC/DC Voltage: 600V
- Resistance 40MΩ
- Display Size: 35 x 27mm
- Backlight
- NCV
- MAX/MIN
- Auto Ranging
- Data Hold
- Diode
- Continuity Test
- Low Voltage Indicator
- Jaw Capacity 28mm
- APO
- 4000 Display Count



UT213A - Clamp Meter

- AC Current: 400A
- AC/DC Voltage: 600 V
- Resistance: 40MΩ
- Frequency: 1MHz
- Capacitance: 100μF
- Jaw Capacity 30mm
- Auto Range
- Diode
- NCV
- Data Hold
- Relative Mode
- LCD Backlight
- Flashlight
- APO
- Continuity Buzzer
- Low Battery Indication
- Input Protection
- 4000 Display Count



UT213B - Clamp Meter

TRUE
RMS

CE

ETL

Intertek

RoHS

Electrical Safety
600V CAT II

- AC Current: 400A
- AC/DC Voltage: 600 V
- Resistance: 40MΩ
- Frequency: 1MHz
- Capacitance: 40mF
- Temperature: -40°C ~ 1000°C
- Jaw Capacity 30mm
- Auto Range
- Diode
- NCV
- Data Hold
- MIN/MAX/REL Mode
- Flashlight
- APO
- Continuity Buzzer
- Low Battery Indication
- Input Protection
- 4000 Display Count



UT200B+ - Clamp Meter

CE

ETL

Intertek

RoHS

Electrical Safety
600V CAT II

- AC Current: 600A
- DC Voltage: 600 V
- AC Voltage: 600V
- Frequency: 10Hz ~ 10kHz
- Resistance: 30kΩ
- Capacitance: 300μF
- Auto Range
- Jaw Capacity 28mm
- Diode
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- LCD Backlight
- Flashlight
- High Voltage Warning
- 3099 Display Count



UT202A+ - 600A TRMS Clamp Meter

TRUE
RMS

CE

RoHS

Electrical Safety
600V CAT II

Electrical Safety
600V CAT III

- AC Current: 600A
- AC/DC Voltage: 600V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 10Hz ~ 10MHz
- Duty Cycle
- Display Size: 35 x 27mm
- Backlight
- NCV
- Data Hold
- Diode
- Neutral/Live Wire Test
- MAX/MIN/REL
- Auto Ranging
- Continuity Test
- Low Voltage Indicator
- Jaw Capacity 28mm
- APO
- 6000 Display Count



UT216A - 600A TRMS Clamp Meter

RoHS

CE

TRUE
RMS

ETL

Intertek

Electrical Safety
600V CAT III

Electrical Safety
1000V CAT II

- AC Current: 600A
- DC Voltage: 1000 V
- AC Voltage: 750V
- Resistance: 60MΩ
- Capacitance: 60mF
- Jaw Capacity 30mm
- Auto Range
- Diode
- NCV
- Data Hold
- Flashlight
- APO
- MAX/MIN/REL
- LCD Backlight
- Continuity Buzzer
- Low Battery Indication
- Input Protection
- 6000 Display Count



UT216B - TRMS Clamp Meter

RoHS

CE

TRUE
RMS

ETL

Intertek

Electrical Safety
600V CAT III

Electrical Safety
1000V CAT II

- AC Current: 600A
- AC Voltage: 750V
- DC Voltage: 1000V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 1MHz
- Jaw capacity: 30mm
- Auto Ranging
- Diode
- V.F.C.
- NCV
- Data Hold
- MAX/MIN/REL
- LCD Backlight
- Flashlight
- Continuity Buzzer
- Low Battery Indication
- Input Protection
- 6000 Display Count



UT2117R - TRMS Clamp Meter

RoHS

CE

TRUE
RMS

Electrical Safety
600V CAT III

Electrical Safety
1000V CAT III

- AC Current: 1000A
- AC/DC Voltage: 1000V
- Resistance: 40MΩ
- Capacitance: 6mF
- Frequency: 1MHz
- Auto Range
- Jaw Capacity >33mm
- Diode
- Data Hold
- APO
- LCD Backlight
- Continuity Buzzer
- Low Battery Indication
- 6000 Display Count



UT206A+ - TRMS Clamp Meter

RoHS

CE

TRUE
RMS

Electrical Safety
600V CAT III

Electrical Safety
1000V CAT II

- AC Current: 1000A
- AC/DC Voltage: 1000V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 45Hz ~ 1kHz
- Temperature: -40°C ~ 1000°C
- Jaw Capacity: > 40mm
- Inrush Current: 1000A
- Auto Range
- Diode
- NCV
- Data Hold
- MAX/MIN/REL
- LCD Backlight
- Continuity Buzzer
- APO
- Low Battery Indication
- 6000 Display Count



UT205E - TRMS Clamp Meter

RoHS

CE

TRUE
RMS

Electrical Safety
600V CAT IV

Electrical Safety
1000V CAT III

- AC Current: 1000A
- AC/DC Voltage: 1000 V
- Resistance: 60MΩ
- Capacitance: 60mF
- Temperature: -40°C ~ 1000°C
- Auto/Manual Range
- Jaw Capacity 42mm
- Diode
- Data Hold
- APO
- MAX/MIN/REL
- LCD Backlight
- Flashlight
- Continuity Buzzer
- NCV
- Low Battery Indication
- 6000 Display Count



UT206B - TRMS Clamp Meter

RoHS

CE

TRUE
RMS

Electrical Safety
600V CAT IV

Electrical Safety
1000V CAT III

- AC Current: 1000A
- AC/DC Voltage: 1000 V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 10Hz ~ 1MHz
- Temperature: -40°C ~ 1000°C
- Jaw Capacity 42mm
- Inrush Current: 1000A
- Auto Range
- Diode
- NCV
- Data Hold
- MAX/MIN/REL
- Flashlight
- LCD Backlight
- Continuity Buzzer
- Low Battery Indication
- 6000 Display Count



UT219E - Professional TRMS Clamp Meter AC Only

- AC Current: 600A
- AC/DC Voltage: 1000 V
- LoZ ACV: 600V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 10MHz
- Auto/Manual Range
- Jaw 33mm
- APO
- MAX/ MIN
- Zero Mode
- Data Hold
- Diode
- Duty Cycle
- Sampling Rate: 3 times/sec
- Analog Bar Graph
- Auto Backlight
- Low Battery Indication
- Relative Mode
- Flashlight
- 6000 Display Count



UT220 - 2000A Clamp Meter

- AC Current: 2000A
- AC Voltage: 750 V
- DC Voltage: 1000 V
- Resistance: 20MΩ
- Auto Range
- Jaw 63mm
- Data Hold
- MAX
- Diode
- Continuity Buzzer
- Low Battery Indication
- 2000 Display Count



UNI-T CLAMP METERS AC/DC AMPERE

UT256 - AC/DC Fork Meter

- AC/DC Current: 60A
- NCV
- Data Hold
- Zero Mode
- LCD Backlight
- APO
- Audible and Visual Alarm
- Low Battery Indication
- Relative Mode



UT211B - Mini TRMS Clamp Meter

- AC/DC Current: 60A
- AC/DC Voltage: 600V
- Resistance: 60MΩ
- Frequency: 60kHz
- Capacitance: 62mF
- Continuity Buzzer
- Resolution: 0.1mA
- Jaw Capacity 17mm
- NCV
- ZERO Mode
- Data Hold
- LCD Backlight
- APO
- V.F.C.
- Diode
- Low Battery Indication
- Input Protection
- Ideal for Solar Power Systems
- 6000 Display Count



UT210E - Mini TRMS Clamp meter

- AC/DC Current: 100A
- AC/DC Voltage: 600V
- Resistance: 20MΩ
- Capacitance: 20mF
- Continuity Buzzer
- Jaw Size 17mm
- NCV
- ZERO Mode
- Data Hold
- LCD Backlight
- APO
- Low Battery Indication
- V.F.C.
- Low Pass Filter
- Diode
- 2000 Display Count



UT210D - Mini TRMS Clamp Meter

- AC/DC Current: 200A
- AC/DC Voltage: 600V
- Resistance: 20MΩ
- Frequency: 60kHz
- Capacitance: 20mF
- Temperature: -40°C ~ 1000°C
- Continuity Buzzer
- Jaw Size 17mm
- NCV
- ZERO Mode
- Data Hold
- LCD Backlight
- APO
- Low Battery Indication
- Diode
- 2000 Display Count



UT256B - Open Jaw TRMS Clamp Meter

- AC/DC Current: 200A
- DC Voltage: 1000 V
- AC Voltage: 750V
- Resistance: 60MΩ
- Capacitance: 60mF
- Auto Ranging
- Diode
- NCV
- Data Hold
- Zero Mode
- LCD Backlight
- APO
- Continuity Buzzer
- Input Protection
- Low Battery Indication
- Relative Mode
- 6000 Display Count



UT203+ - 400A TRMS Clamp Meter

- AC/DC Current: 40/400A
- AC/DC Voltage: 600V
- Resistance: 40MΩ
- Capacitance: 10mF
- Frequency: 10MHz
- Duty Cycle
- NCV
- Diode Test
- Continuity Buzzer
- Data Hold
- Low Battery Indication
- Backlight
- APO
- Auto Range
- Jaw Capacity 28mm
- Relative Mode
- MAX/MIN
- Display Size: 35 x 27mm
- 4000 Display Count



UT213C - 400A TRMS Clamp Meter

TRUE RMS

RoHS



- AC/DC Current: 400A
- AC/DC Voltage: 600 V
- Resistance: 40MΩ
- Frequency: 1MHz
- Capacitance: 40mF
- Temperature: -40°C ~ 1000°C
- Auto Range
- Continuity Buzzer
- Data Hold
- Diode Test
- APO
- NCV
- Flashlight
- LCD Backlight
- Jaw Capacity 30mm
- MAX/MIN/REL
- Input Protection
- Low Battery Indication
- 4000 Display Count



UT204+ - 600A TRMS Clamp Meter

TRUE RMS

RoHS



- AC/DC Current: 600A
- AC/DC Voltage: 600 V
- Resistance: 60MΩ
- Frequency: 10MHz
- Capacitance: 60mF
- Temperature: -40°C ~ 1000°C
- Auto Range
- NCV
- Neutral/Live Wire Test
- Continuity Buzzer
- Data Hold
- Diode Test
- APO
- Jaw Capacity 28mm
- Relative Mode
- 6000 Display Count



UT216C - TRMS Clamp Meter

TRUE RMS

RoHS



- AC/DC Current: 600A
- AC Voltage: 750V
- DC Voltage: 1000V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 1MHz
- Temperature: -40°C ~ 1000°C
- Jaw Capacity: 30mm
- Auto Ranging
- Diode
- V.F.C.
- NCV
- Data Hold
- Flashlight • APO
- MAX/MIN/REL
- LCD Backlight
- Continuity Buzzer
- Low Battery Indication
- Input Protection
- Ideal for Solar Power Systems
- Inrush Current
- Analog Bar Graph
- 6000 Display Count



UT207B - TRMS Clamp Meter

TRUE RMS

RoHS



- AC/DC Current: 1000A
- AC/DC Voltage: 1000V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 40Hz ~ 400Hz
- Auto/Manual Range
- Jaw Capacity 42mm
- Diode
- APO
- Data Hold
- MAX/MIN/REL
- LCD Backlight
- Flashlight
- Continuity Test
- NCV
- Low Battery Indication
- Overload Indication
- High Voltage Warning
- 6000 Display Count



UT208B - TRMS Clamp Meter

TRUE RMS

RoHS



- AC/DC Current: 1000A
- AC/DC Voltage: 1000V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 10Hz ~ 1MHz
- Temperature: -40°C ~ 1000°C
- Auto Range
- Jaw Capacity 42mm
- Diode • APO
- Inrush Current
- Data Hold • NCV
- MAX/MIN/REL
- LCD Backlight
- Flashlight
- Continuity Buzzer
- Low Battery Indication
- Overload Indication
- High Voltage Warning
- 6000 Display Count



UT222 - 2500A TRMS Clamp Meter

TRUE RMS

RoHS



- AC/DC Current: 2500A
- AC/DC Voltage: 1000V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 60MHz
- Temperature: -40°C ~ 1000°C
- Auto Range
- Jaw Capacity 63mm
- Data Hold
- Relative Mode
- MAX
- Diode
- Continuity Buzzer
- Low Battery Indication
- Analog Bar Graph 61
- MIN/I-OUT Function
- AC + DC Dual Display
- Low Pass Filter
- Inrush Current
- Data Storage 1000
- 6000 Display Count



UT219DS - Professional TRMS Clamp Meter

PRO

TRUE RMS

RoHS

CE



- AC/DC Current: 600A
- AC/DC Voltage: 1000 V
- LoZ ACV: 600V
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 40MHz
- Temperature: 1000°C
- Motor 3 Phase Test 80VAC ~ 600VAC
- Motor Phase Sequence Measurement With 2 Probes
- AC+DC Dual-mode Display (V+I)
- LCD Backlight
- Diode • Duty Cycle
- APO • Inrush Current
- Data hold • Low Pass Filter
- Zero Hold
- Flashlight
- Relative Mode
- Jaw Size: 33mm
- Auto/Manual Ranging
- Sampling Rate: 5 times/sec
- Low Battery Indication
- V + A Dual Display
- Auto Backlight
- 6000 Display Count



UT281A - TRMS Flex Clamp

PRO

TRUE RMS

RoHS

CE



- AC Current: 3000A
- Frequency Response: 45Hz ~ 500Hz
- Inrush Current: 0.5A ~ 3000A
- Manual Range
- Flex Coil Size: 25.4cm
- LCD Single Display
- Data Hold
- Auto Power Off
- Low Battery Indication
- Backlight
- Refresh Rate: 3 times/sec
- Buzzer
- Function Select
- 3000 Display Count



UT-CS06A - 400A AC Current Clamp Tester

- ACA Current: 1~400A
- Jaw Opening: 28mm
- Output Ratio: 1mV/A
- True RMS
- Frequency: 50Hz ~ 400Hz
- Waveform Display: Adaptable Oscilloscope
- Suitable for Most UNI-T Multimeters



UT-CS09D - Flex Clamp Sensor

- AC Current: 3000A
- Frequency Response: 45Hz ~ 500Hz
- Inrush Current: 0.5A ~ 3000A
- Flex Coil Size: 45.7cm
- Auto Power Off
- Low Battery Indication
- Function Select



UNI-T VOLTAGE TESTERS

UT22B-EU Voltage and Continuity Tester

- Voltage Indication (V AC/DC): 6V ~ 400V
- Frequency: 50/60Hz
- Voltage Indication
- Auto Detection of AC/DC
- Input Protection



UT15C - Voltage Tester (Voltstick)

- LED AC/DC Voltage Indication (V) 12V ~ 690V
- LCD AC/DC Voltage Display (V) 24V ~ 690V
- Phase Rotation Test
- Single Lead (L2) Voltage Detection
- Continuity Test: Resistance 0~400kΩ, Beeper LED Light Indicator
- Polarity Detection
- Auto Range
- Low Battery Indication
- Work Light



UT18D - Voltage And Continuity Tester

- LCD AC/DC Voltage Display (V) 6V ~ 690V
- Phase Rotation Test
- Single Lead (L2) Voltage Detection
- Continuity Test: Resistance 0~100kΩ, Beeper LED Light Indicator
- Polarity Detection
- Auto Range
- Low Battery Indication
- Over Voltage Prompt
- Flashlight
- Buzzer & Silent Mode
- Test Live Voltage Without Batteries
- LCD Backlight



UT18E - Voltage And Continuity Tester

- AC/DC Voltage Display (V) 6V ~ 1000V
- Phase Rotation Test
- Continuity Test: Resistance 0~100kΩ, Beeper LED Light Indicator
- RCD Test
- Self-inspection
- No Power Test
- Polarity Detection
- Auto Range
- Low Battery Indication
- Over Voltage Protection



UT268B - 3 Phase Voltammeter

- AC Voltage: 600V
- AC Current: 1000A
- Phase Range: 0.0° ~ 360°
- Active Power: 0.0W ~ 600kW
- Reactive Power: 0.0VAR ~ 600kVAR
- Apparent Power: 0.0VA ~ 600kVA
- Frequency: 45Hz ~ 65Hz
- Power Factor: -1 ~ +1
- Jaw Size: 50mm
- Data hold
- Data Storage: 500 sets
- PC Software Analysis via USB Cable
- APO
- Backlight
- Low Battery Indication



UT118C - Pen-Type Meter

RoHS



- AC/DC Voltage: 600 V
- Resistance: 60MΩ
- Frequency: 999.9kHz
- Capacitance: 60mF
- Duty Cycle
- True RMS
- Diode
- Resistance
- Auto Range
- Continuity Buzzer
- NCV
- Auto Power Off
- Display Count 6000



UT120B - Pocket Size Multimeter

RoHS



- AC/DC Voltage: 600V
- Resistance: 40MΩ
- Capacitance: 100μF
- Frequency: 10MHz
- Continuity Buzzer
- Low Battery Indication
- Relative Mode
- 4000 Display Count
- Duty Cycle
- Data Hold
- APO
- Diode



UT123 - Pocket Size Household Multimeter

RoHS



- AC/DC Voltage: 600V
- Resistance: 20MΩ
- Temperature: -40°C ~ 300°C
- Acousto-optic Indication
- Data Hold
- APO
- Continuity Buzzer
- Low Battery Indication
- NCV
- EBTN Screen
- 4000 Display Count



UT125C - Pocket Size Multimeter

RoHS



- AC/DC Voltage: 600V
- AC/DC Current: 400mA
- Resistance: 40MΩ
- Frequency: 60kHz
- Capacitance: 100μF
- Diode
- Continuity Buzzer
- NCV
- Low Battery Indication
- Data Hold
- APO
- Duty Cycle Measurement
- 4000 Display Count



UT121A - Smart Digital Multimeter

RoHS



- AC/DC Voltage: 600V
- Resistance: 10MΩ
- Temperature: -40°C ~ 1000°C
- Dual Display
- Auto Range
- NCV
- LIVE Detection
- Diode
- Continuity
- LCD High Voltage Alert
- Flashlight
- Low Battery Indication • APO
- Data Hold
- Display Count 6099



UT121B - Smart Digital Multimeter

RoHS



- AC Voltage: 750V
- DC Voltage: 1000V
- Resistance: 60MΩ
- Capacitance: 99.99mF
- Frequency: 10Hz ~ 10MHz
- Temperature: -40°C ~ 1000°C
- Dual Display
- Auto Range
- NCV
- LIVE Detection
- Diode
- Continuity
- LCD High Voltage Alert
- Flashlight
- Low Battery Indication
- APO
- Data Hold
- Display Count 6099



UT122 - Smart Digital Multimeter

RoHS



- AC Voltage: 750V
- DC Voltage: 1000V
- Resistance: 60MΩ
- Capacitance: 99.99mF
- Frequency: 10Hz ~ 10MHz
- Temperature: -40°C ~ 1000°C
- Dual Display
- Auto Range
- NCV
- APO
- LIVE Detection
- Diode
- Continuity
- LCD High Voltage Alert
- Flashlight
- Low Battery Indication
- Data Hold
- Display Count 6199



UT33B+ - Palm Size Multimeter



- AC/DC Voltage: 600 V
- DC Current: 10A
- Resistance: 20MΩ
- Battery Test: 1.5V/9V/12V
- APO
- Diode
- Continuity Buzzer
- LCD Backlight
- Relative Mode
- LCD Size 53mm x 28mm
- Probe Placing Slots
- 2000 Display Count



UT33C+ - Palm Size Multimeter



- AC/DC Voltage: 600 V
- DC Current: 10A
- Resistance: 20MΩ
- Temperature: 1000°C
- APO
- Diode
- Continuity Buzzer
- LCD Backlight
- Relative Mode
- LCD Size 53mm x 28mm
- Probe Placing Slots
- 2000 Display Count



UT33D+ - Palm Size Multimeter

- AC/DC Voltage: 600 V
- DC Current: 10A
- Resistance: 20MΩ
- NCV
- APO
- Diode
- Continuity Buzzer
- LCD Backlight
- Relative Mode
- LCD Size 53mm x 28mm
- Probe Placing Slots
- 2000 Display Count



UT133B - Multimeter

- AC/DC Voltage: 600 V
- DC Current: 10A
- Resistance: 60MΩ
- Capacitance: 9.999mF
- APO
- Diode
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- Overload Indication
- Test Probe Holder
- LCD Backlight
- Battery Test 15 & 9V
- NCV
- 6000 Display Count



UT33A+ - Palm Size Multimeter

- AC/DC Voltage: 600 V
- AC/DC Current: 10A
- Resistance: 200MΩ
- Capacitance: 2mF
- APO
- Diode
- Continuity Buzzer
- LCD Backlight
- Relative Mode
- LCD Size 53mm x 28mm
- Probe Placing Slots
- 2000 Display Count



UT123D- Pocket size Household Multimeter

- AC/DC Voltage: 600V
- AC/DC Current: 10A
- Resistance: 40MΩ
- Capacitance: 400μF
- Acousto-optic Indication
- Data Hold
- APO
- Low Battery Indication
- NCV/Live
- 4000 Display Count



UT133A - Multimeter

- AC/DC Voltage: 600 V
- DC Current: 10A
- Resistance: 60MΩ
- Capacitance: 9.999mF
- Frequency: 10Hz ~ 1MHz
- Temperature: 1000°C
- APO
- Diode
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- Overload Indication
- Test Probe Holder
- LCD Backlight
- NCV
- 6000 Display Count



UT139C - TRMS Multimeter

- AC/DC Voltage: 600 V
- DC Current: 10A
- Resistance: 60MΩ
- Capacitance: 99.99mF
- Frequency: 10Hz ~ 10MHz
- Temperature: -40°C ~ 1000°C
- APO
- Duty Cycle
- Diode
- Auto / Manual Range
- Continuity Buzzer
- Low Battery Indication
- NCV
- 2000 Display Count



UT117C - High-Precision TRMS Digital Multimeter

- AC/DC Voltage: 600V
- AC/DC Current: 10A
- Resistance: 40MΩ
- Capacitance: 100μF
- Frequency: 9Hz ~ 50KHz
- External Current Clamp
- Continuity & Diode
- NCV
- True RMS
- Data Hold
- Manual / Auto Range
- MAX / MIN
- Relative Mode
- High Voltage Warning
- Low Battery Indication
- APO
- LCD Backlight
- Bluetooth
- Display Count 60000



UT191E - Professional Multimeter

- AC/DC Voltage: 600V
- AC/DC Current: 20A
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 10MHz ~ 1mHz
- 6000 Display Count
- Auto Ranging
- True RMS
- Low Pass Filter: 600V
- Low Impedance Input: 600V
- 31 - Segment Analog Bar
- Flashlight
- Auto Backlight
- ACV Peak Hold
- Peak current detection



UT191T - Professional IP65 Multimeter

- AC/DC Voltage: 600 V
- AC/DC Current: 20A
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 10Hz ~ 1mHz
- LoZ ACV: 600V
- Temperature: 400°C
- Auto/Manual Ranging
- Segment Analog Bar
- Flashlight
- Auto Backlight
- ACV Peak Hold
- Peak Current Detection
- Sampling Rate: 3 Times/sec
- Duty Cycle
- Diode
- APO
- Continuity Buzzer
- Low Battery Indication
- 6000 Display Count



UT39A+ - Multimeter

- DC Voltage: 1000 V
- AC Voltage: 750V
- AC/DC Current: 10A
- Resistance: 200MΩ
- Capacitance: 10mF
- APO
- Diode
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- Relative Mode
- Transistor Test
- Backlight
- Input Alarm
- 4000 Display Count



UT39C+ - Multimeter

- DC Voltage: 1000 V
- AC Voltage: 750V
- AC/DC Current: 10A
- Resistance: 40MΩ
- Temperature: -40~1000°C
- Capacitance: 10mF
- Frequency: 1MHz
- APO
- Diode
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- Relative Mode
- Transistor Test
- Input Alarm
- Backlight
- NCV
- 4000 Display Count



UT890C - Multimeter

- DC Voltage: 1000 V
- AC Voltage: 750V
- AC/DC Current: 20A
- ACV Frequency: 10Hz ~ 10kHz
- Resistance: 60MΩ
- Frequency: 9.999MHz
- Capacitance: 100mF
- Temperature: 1000°C
- NCV
- MAX/MIN
- Diode
- Continuity Buzzer
- hFE Transistor
- High Voltage Phase Detection
- Data Hold
- LCD Backlight
- Low Battery Indication
- APO
- Test Pen Holder
- 6000 Display Count



UT890D+ - Multimeter

- DC Voltage: 1000 V
- AC Voltage: 750V
- AC/DC Current: 20A
- ACV Frequency: 10Hz ~ 10kHz
- Resistance: 60MΩ
- Frequency: 9.999MHz
- Capacitance: 100mF
- NCV
- MAX/MIN
- Diode
- Continuity Buzzer
- APO
- hFE Transistor
- High Voltage Phase Detection
- Data Hold
- LCD Backlight
- Low Battery Indication
- Fuse Blowing Alarm
- Acoust-Optic Indication
- Relative Mode
- Current (AC/DC) Mode Memory
- Over Current Alarm
- 6000 Display Count



UT60EU - TRMS Multimeter

- AC/DC Voltage: 999.9 V
- AC/DC Current: 10A
- Resistance: 99.99MΩ
- Frequency: 99.99Hz ~ 9.999MHz
- Capacitance: 9.999mF
- Duty Cycle: 0.1~99.9%
- Temperature: -40°C ~ 1000°C
- Auto Range
- Relative mode
- NCV
- Diode
- Continuity Test
- Acousto-optic Indication
- Low Battery Indication
- APO
- Data hold
- Backlight
- Display Count 9999



UT136B+ - Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 40MΩ
- Capacitance: 40mF
- Frequency: 400Hz ~ 40MHz
- APO
- Data Hold
- hFE Transistor Test
- Diode
- Low Battery Indication
- Overload Alarm
- Test Probe Holder
- Backlight
- NCV
- 4000 Display Count



UT136C+ - Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 40MΩ
- Capacitance: 40mF
- Frequency: 400Hz ~ 40MHz
- Temperature: -40°C ~ 1000°C
- APO
- Data Hold
- hFE Transistor Test
- Diode
- Low Battery Indication
- Overload Alarm
- Test Probe Holder
- Backlight
- NCV
- 4000 Display Count



UT15B PRO - Professional TRMS IP65 Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 60MΩ
- Capacitance: 60mF
- Auto Ranging
- Auto Backlight
- Flashlight
- Diode
- APO
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- MAX / MIN
- Relative Mode
- 6000 Display Count



UT15B-MAX - Digital Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 60MΩ
- Capacitance: 60μF
- Frequency: 10Hz ~ 10MHz
- Temperature: -55°C ~ 500°C
- Auto Ranging
- Auto Backlight
- Diode
- APO
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- MAX / MIN
- Relative Mode
- Audible and Visual Alarm
- LED test
- Mis-Plug Alarm
- 6000 Display Count



UT17B PRO - Professional TRMS IP65 Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 10Hz ~ 100kHz
- Temperature: -55°C ~ 500°C
- Auto Ranging
- Auto Backlight
- Flashlight
- Diode
- APO
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- MAX / MIN
- Relative Mode
- 6000 Display Count



UT18B PRO - 1000V TRMS Digital Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 1MHz
- Temperature: -55°C ~ 500°C
- Duty Cycle
- Auto/Manual Ranging
- LED Test
- Auto Backlight
- Flashlight
- Diode
- APO
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- MAX / MIN
- Relative Mode
- 6000 Display Count



UT61B+ - Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 60MΩ
- Frequency: 10Hz ~ 10MHz
- Capacitance: 60mF
- MAX/MIN
- Diode
- Continuity Buzzer
- Relative Mode
- Analog Bar
- NCV
- Data Hold
- LCD Backlight
- Low Battery Indication
- Auto Power Off
- Display Count 6000



UT161B - Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 60MΩ
- Frequency: 10Hz ~ 10MHz
- Capacitance: 60mF
- MAX/MIN
- Diode
- Continuity Buzzer
- hFE Transistor
- Relative Mode
- Analog Bar
- NCV
- Data Hold
- LCD Backlight
- Low Battery Indication
- Auto Power Off
- Display Count 6000



UT181A - Datalogging With Capture Trend TRMS Multimeter

- AC/DC Voltage: 1000V
- Resistance: 60mΩ
- Capacitance: 60mF
- Frequency: 10Hz ~ 60MHz
- Temperature: -40°C ~ 1000°C
- AC + DC Dual Display
- APO
- Auto & Manual Ranging
- Bandwidth: 100kHz
- Continuity Buzzer
- Dual Temp Measurement
- LCD Backlight Adjustable
- Input Protection
- Analog Bar Graph
- Rechargeable Li-Ion Battery
- Data Logging 20 000
- Diode
- Low Pass Filter
- Peak / Data Hold
- Data Comparison
- Display: 3.5" 64k Colour TFT LCD
- dBV/dBM
- 60 000 Display Count

- AC/DC Current: 10A
- Admittance: 60nS

- Trend Capture
- MIN / MAX / AVG
- Data Time Display



UT89X - TRMS Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 20A
- Resistance: 60MΩ
- Capacitance: 100mF
- Frequency: 10MHz
- Temperature: -40°C ~ 1000°C
- Diode
- Continuity Buzzer
- Low Battery Indication
- Transistor hFE
- Data Hold
- Dual Range NCV Test
- Flashlight
- Auto Backlight
- Audible / Visual Alarm
- Capacitor Charging Indicator
- Live Wire Test
- Duty Cycle
- Relative Mode
- APO
- Input Alarm
- 6000 Display Count



UT89XD - TRMS Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 20A
- Resistance: 60MΩ
- Capacitance: 100mF
- Frequency: 10MHz
- Diode
- Continuity Buzzer
- Low Battery Indication
- Transistor hFE
- Data Hold
- Dual Range NCV Test
- Flashlight
- Auto Backlight
- Audible / Visual Alarm
- Capacitor Charging Indicator
- Duty Cycle
- Relative Mode
- APO
- LED Test
- Input Alarm
- 6000 Display Count



UT61D+ - Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 20A
- Resistance: 60MΩ
- Frequency: 10Hz ~ 10MHz
- Capacitance: 60mF
- Temperature: -40°C ~ 1000°C
- MAX/MIN
- Diode
- Continuity Buzzer
- Relative Mode
- Analog Bar
- NCV
- Data Hold
- Peak Hold
- LoZ ACV
- LCD Backlight
- Low Battery Indication
- Auto Power Off
- Display Count 6000



UT161D - Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 20A
- Resistance: 60MΩ
- Frequency: 10Hz ~ 10MHz
- Capacitance: 60mF
- Temperature: -40°C ~ 1000°C
- MAX/MIN
- Diode
- Continuity Buzzer
- Relative Mode
- Analog Bar
- NCV
- Data Hold
- Peak Hold
- LoZ ACV
- LCD Backlight
- Low Battery Indication
- Auto Power Off
- Display Count 6000



UT195E - Professional TRMS IP65 Multimeter

- AC/DC Voltage: 1000V
- LoZ ACV: 600V
- AC/DC Current: 20A
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 10MHz
- Auto/Manual Ranging
- Duty Cycle
- Flashlight & Auto LCD Backlight
- Analogue Bar Graph
- Sampling Rate: 3 times/sec
- Diode
- Data Hold
- APO
- MAX/MIN
- Continuity Buzzer
- Low Battery Indication
- 6000 Display Count



UT195DS - Professional TRMS IP65 Multimeter

- AC/DC Voltage: 1000V
- LoZ ACV: 600V
- AC/DC Current: 20A
- Resistance: 60MΩ
- Capacitance: 60mF
- Frequency: 40MHz
- Auto / Manual Ranging
- Flashlight & Auto Backlight
- Analogue Bar Graph
- Low Battery Indication
- AC + DC Dual Display
- MAX / MIN
- Data Hold
- Duty Cycle
- Diode
- Peak Hold
- APO
- Display Interface (LCD) Dual
- Sampling Rate: 5 times/sec
- 3 Phase Motor Sequence Test
- Low Pass Filter
- Continuity Buzzer
- 6000 Display Count



UNI-T AUTOMOTIVE MULTIMETERS

UT105+ - Automotive Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 40MΩ
- Capacitance: 100mF
- Frequency: 10Hz ~ 10MHz
- Temperature: -40°C ~ 1000°C
- VFC: 1000V
- RPM: 2STR; 4STR
- Dwell Angle: 1CYL; 3CYL; 5CYL; 8CYL
- Pulse Width: 999.9ms
- Duty Cycle
- Data Hold
- High Voltage Alarm
- High Voltage Overload Alarm
- Large Current Alarm
- Backlight
- MAX / MIN / RELATIVE
- Low Battery Indication
- Input Protection
- Manual Range
- Diode
- APO
- Continuity Buzzer
- 4000 Display Count



UT107+ - Automotive Multimeter

- AC/DC Voltage: 1000 V
- AC/DC Current: 10A
- Resistance: 60MΩ
- Frequency: 10Hz ~ 10MHz
- Temperature: -40°C ~ 1000°C
- Capacitance: 100mF
- VFC: 1000V
- RPM: 2STR; 4STR
- Dwell Angle: 1CYL - 8CYL
- Pulse Width: 999.9ms
- Data Hold
- Duty Cycle
- Low Battery Indication
- Input Protection
- Manual Range
- Diode
- APO
- Battery Test 12V
- Continuity Buzzer
- High Voltage Alarm
- Backlight
- High Voltage Overload Alarm
- MAX / MIN / RELATIVE
- 12V Battery Test
- 6000 Display Count



UNI-T SOLAR PV TESTERS

UT673PV - Solar MPPT Meter

- Max Power Measurement: 5 ~ 800W
- Max Power Current: 0 ~ 35A
- Max Power Voltage: 12 ~ 60V
- Open Circuit Current: 12 ~ 60V
- Short Circuit Current: 0 ~ 35A
- Reverse Polarity Connect Protection
- Over Voltage Protection
- Over Current Protection
- Over Temperature Protection
- Over Power Protection
- Manual / Auto MPPT Test
- Data Hold



UT503PV - PV INSULATION TESTER

- Insulation Test Voltage: 125V / 250V / 500V / 1000V
- DC Voltage: 5 ~ 1000V
- AC Voltage: 5 ~ 600V
- Rated Current: 1.0mA
- Continue Measurement
- Short Circuit Current: IR Measurement: < 1.5mA; PV IR Measurement: < 1.2mA
- Compare Function
- Time Measurement
- Stepping Voltage
- Auto Discharge
- High Voltage Alarm
- DUT Live Test
- Backlight
- Data Storage 1000 Sets
- USB & Bluetooth



UT892 - 2000V AC/DC High Voltage Digital Multimeter

- AC/DC Voltage: 2000 V
- Variable Frequency Voltage: 600V
- Resistance: 60MΩ
- Frequency: 10Hz ~ 10kHz
- Capacitance: 60mF
- Auto Range
- Live Test
- MAX/MIN
- Diode
- Continuity Buzzer
- Relative Mode
- NCV
- Data Hold
- Low Battery Indication
- Auto Power Off
- Display Count 6000



TRUE RMS

UT196 - 1700V DC TRMS Professional Multimeter - SOLAR PRO

- AC Voltage: 1500 V
- DC Voltage: 1700 V
- Resistance: 60MΩ
- Frequency: 1MHz
- Capacitance: 60mF
- True RMS
- Data Hold
- Dual Display
- Low Pass Filter
- Auto Range • NCV
- MAX/MIN • Diode
- Continuity Buzzer
- Relative Mode
- Analog Bar
- Flashlight Backlight
- Low Battery Indication
- Auto Power Off
- Display Count 6000



TRUE RMS

UT219PV - Professional AC/DC Digital Clamp Meter

- ACA/DCA Current: 999.9A
- ACV Voltage: 1500V
- DCV Voltage: 2500V
- DC mV Voltage: 999.9mV
- ACV: 999.9V
- ACA: 999.9A
- ACA Flex Clamp Sensor: 3000A
- Power DC: 2500kVA
- Frequency: 5.0Hz ~ 999.9Hz
- Resistance: 99.99kΩ
- Capacitance: 1000μF
- Temperature: -40°C ~ 400°C
- True RMS
- Display Count: 9999
- Jaw Opening: 35mm
- Solar Panel Polarity Indication
- High Voltage Alarm
- Over Range Indication
- Auto Hold
- Inrush Current
- APO
- Data hold
- Overload Indication
- Low Battery Indication
- PEAK
- LCD Screen
- Bluetooth
- True RMS



UNI-T COMPLIANCE TESTER

UT593 - Compliance Tester - Multi Functional

- AC Voltage: 440V
- DC Voltage: 440V
- Insulation Test: 250/500/1000V
- Prospective Short Circuit: 26kA
- RCD Test Current: 10/30/100/300/500mA
- Phase Rotation
- Low Ohm Measurement
- Loop Impedance
- ELCB Test (Time & Sensitivity)
- APO
- LCD Backlight
- Low Battery Indication
- Phase Switch (RCD) 0 ~ 180°
- Auto Half-wave Test
- 10 000 Display Count



UNI-T INSULATION TESTERS

UT501A - 5.5GΩ Insulation Resistance Tester

- Test Voltage 100/250/500/1000V
- Insulation Resistance (Ω) 5.5GΩ
- Short Circuit Current: <2mA
- AC Voltage (V) 750V • Auto Range
- Low Battery Indication
- LCD Backlight • Alarm Indication
- Alarm Buzzer
- High Voltage Indication
- Overload Indication • Auto Discharge
- 10mΩ Internal Resistance Test
- 2000 Display Count

RoHS



UT501B - 1kV Insulation Tester

- Insulation Test Voltage: 250V/500V/1000V
- Short Circuit Current: < 2mA
- Low Resistance: 0.01Ω ~ 200Ω
- AC Voltage: 600V
- DAR • Alarm Buzzer
- Auto Ranging • PI
- LCD Backlight
- Low Battery Indication
- Alarm Indication
- Over Load Indication
- High Voltage Indication
- Auto Discharge
- 10MΩ Internal Resistance Test
- Continuity
- 2000 Display Count

RoHS



UT533 - TRMS Insulation Resistance Multimeter

- 1000V AC/DC
- Capacitance 100μF
- Frequency 1MHz
- Temperature -40 ~ 537°C
- Resistance 40MΩ
- Short Circuit Current: < 2mA
- Diode Test
- Auto Range
- APO
- Data Logging 99
- Insulation Resistance (50/100/250/500/1000V)
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- LCD Backlight
- 6000 Display Count

TRUE RMS



UT505A - 20GΩ TRMS Handheld Insulation Resistance Multimeter

- Test Voltage(Ω): 50V, 100V, 250V, 500V, 1000V
- Load Current 50V ~ 1000V 1mA
- Short Circuit Current <2mA
- Low Resistance 0.01Ω ~ 20.00kΩ
- DC Voltage: 600 V
- AC Voltage: 600V
- Auto Range
- DAR & PI
- Step Voltage 10% Step @ 50%~ 120% of Range
- Timer • APO
- High Voltage Output Alarm
- Analogue Bar Graph
- LCD Backlight
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- Data Storage 99
- Comparison Measurement
- Auto Discharge
- 6000 Display Count



UT505B - 200GΩ TRMS Handheld Insulation Resistance Multimeter

- Test Voltage(Ω): 50V, 100V, 250V, 500V, 1000V
- Load Current 50V ~ 1000V 1mA
- Short Circuit Current <2mA
- Leakage Current: 10 ~ 2000μA
- Low Resistance 0.01Ω ~ 100Ω
- General Resistance: 0.01kΩ ~ 10MΩ
- AC/DC Voltage: 600 V
- Frequency: 45 ~ 1kHz
- Capacitance: 100pF ~ 500μF
- Auto Range • DAR & PI
- Data Hold • APO
- LCD Backlight
- Auto Discharge
- Step Voltage 10% Step @ 50%~ 120% of range
- Analogue Bar Graph
- High Voltage Output Alarm
- Continuity Buzzer
- Low Battery Indication
- Comparison Measurement
- Data Storage 99
- Auto Fuse Check
- 6000 Display Count



UT511- 1kV Insulation Resistance Multimeter

- 1KV Digital Insulation Resistance Tester
- Insulation Resistance up to 10GΩ
- DC Voltage: 1000V
- AC Voltage: 750V
- Analogue Bar Graph (30 Segments)
- Data Logging 18
- Polarization Index (Pi)
- Dielectric Absorption (DAR)
- Insulation Voltages: 100/250/500/1000V
- Short Circuit Current < 2mA
- Auto Ranging
- High Voltage Indication
- Over-Range Warning
- LCD Backlight
- Low Resistance: 0.1 ~ 999.9Ω
- APO
- Low Battery Indication
- Comparison Measurement
- 10000 Display Count



UT512- 1kV Insulation Resistance Multimeter

- 1KV Digital Insulation Resistance Tester
- Insulation Resistance up to 100GΩ
- DC Voltage: 600V
- AC Voltage: 600V
- Analogue Bar Graph (30 Segments)
- Data Logging 18
- Polarization Index (Pi)
- Dielectric Absorption (DAR)
- Insulation Voltages: 500/1000V/1500V/2500V
- Short Circuit Current < 1.8mA
- Auto Ranging
- High Voltage Indication
- Over-Range Warning
- LCD Backlight
- Low Resistance: 0.1 ~ 999.9Ω
- APO
- Low Battery Indication
- Comparison Measurement
- 10000 Display Count



UT513A - 5kV Insulation Resistance Tester

- 5KV Digital Insulation Resistance Tester
- Insulation Resistance up to 1000GΩ
- 600V AC/DC
- Analogue Bar Graph (30 Segments)
- Data Logging 18
- Secondary Display
- Polarization Index (Pi)
- Dielectric Absorption (DAR)
- Insulation Voltages 500/1000/2500/5000V
- Short Circuit Current < 3mA
- Auto Ranging
- USB Interface
- High Voltage Indication
- LCD Backlight
- APO
- Over-Range Warning
- Comparison Measurement
- Low Battery Indication
- 10 000 Display Count



UT516B - Insulation Resistance Tester

- 12KV Digital Insulation Resistance Tester
- Insulation Resistance up to 1000GΩ
- 1000V AC/DC
- Data Logging 18
- Polarization Index (Pi)
- USB Interface
- LCD Backlight
- APO
- Over-Range Warning
- Comparison Measurement
- Low Battery Indication
- 10 000 Display Count



UT521 - 2000Ω Earth Ground Tester

- Earth Resistance Testing Range: 0 ~ 2000Ω
- AC Earth Voltage (V) 0 ~ 200V
- Frequency (Hz) 50Hz/60Hz
- Data Storage 20
- Low Battery Indication
- Full Icon Display
- Data Hold
- Over-range Display
- Precision 3-wire Testing
- 2000 Display Count
- Manual Range
- LCD Backlight
- Double Insulation Protection
- Contact Badness Display
- Simple 2-wire Testing
- APO



UT522 - Earth Ground Tester

- Earth Resistance: 0 ~ 4000Ω
- AC Earth Voltage: 0 ~ 400V
- Manual Range
- Low Battery Indication
- Data Storage 20
- Full Icon Display
- Contact Badness Indication
- Precision 3-Wire Testing
- Over-Range Display
- 4000 Display Count
- APO
- Data Hold
- LCD Backlight
- Double Insulation Protection
- Simple 2-Wire Testing



UT273+ - Clamp Earth Resistance Tester

- Earth Resistance: 0.01Ω ~ 600Ω
- AC Current: 20A
- Jaw Size: 55mm x 32mm
- Timer
- Screen: 4 Digits EBTN Screen
- USB Cable
- Data Storage 500 sets
- Anti-Interference
- Overload Protection
- Alarm Function
- Battery state Indication
- APO



UT278C - Ground Pile Clamp Earth Resistance Tester

- Ground Resistance: 0 ~ 1800Ω
- Leakage Current: 50A
- Current Resolution: 1uA
- Soil Resistivity: 0 ~ 9999kΩ
- Ground Voltage: 600V
- Jaw Size: 68mm
- USB Data Upload
- Data Storage (500)
- Overload Indication
- Backlight • APO
- Alarm Function
- Overload Protection



UNI-T SOIL RESISTIVITY TESTER

UT572 - Advanced Earth Resistance Tester

- Earth Resistance: 4Ω ~ 40KΩ
- Soil Resistivity: 4Ω ~ 40kΩ
- Disturbance Voltage: 50V
- Disturbance Frequency: 40Hz ~ 500Hz
- 2/3/4 Wire Test
- Earth Resistance RH and RS Test
- Compensating Resistance RK Test
- Data Hold
- Data Storage 20
- LCD Backlight
- APO
- Lower Battery Indication
- Earth Resistance Test Frequency: 94/128Hz
- Soil Resistance Test Distances: 1 ~ 40m



UNI-T ELCB TESTER

UT582+ - Digital RCD (ELCB) Tester



- RCD Measurement: 10mA ~ 500mA
- Operating Voltage: 195V ~ 253V
- Voltage Range: 30 ~ 600V
- Frequency: 45Hz ~ 65Hz
- Phase Switch: 0° and 180°
- Lamps Indication
- Disconnect buzzer
- Over-range Display
- Fused
- 1000 Display Count
- AUTO RAMP
- Mis-Operation Buzzer
- Data Hold
- Power-off Buzzer



THR-ELT - Polarity Tester

- AC Voltage: 230V CAT II 300V
- Correct Light Indication
- Active/Neutral Reverse Indication
- Active/Earth Reverse Indication
- No Neutral Indication
- No Earth Indication
- No Active Indication



UT586+ - Digital RCD Tester

- Test ELCB up to 550 Volts for Mining
- RCD Test Function: 10 ~ 1000mA
- Voltage: 100V ~ 440V
- Voltage Test: 30 ~ 480V
- Voltage Test: L-PE and Frequency
- Wiring Check
- Phase Angle Selection
- Lock Test
- Auto Ramp Test
- Over-temperature Detection
- Low Battery Indication
- Backlight
- APO



UT387A - Wall Scanner

RoHS



- Ferrous Metals: 19mm ~ 28.5mm
- Non-Ferrous Metals: 19mm ~ 28.5mm
- Copper Conductors: 50mm
- Wood: 19mm ~ 28.5mm
- Scanning Modes: StudScan & ThickScan
- Auto Calibration
- Buzzer Indication
- APO
- Error Calibration Alarm
- LED Alarm
- Low Battery Indication



UT387C - Wall Scanner

RoHS



- Detect Principle: Electro-Magnetic Induction
- Detects Wooden Beams, Metal Objects, Electrical Wire
- Metals Scan Depth: 76mm
- Stud-scan Depth (Wood): 38mm
- Thick-scan Depth (Wood): 38mm
- AC Electrical Wire Depth: 51mm
- Calibration Alarm
- Buzzer/LED Indication
- APO
- Low Battery Indication



UT387D - Wall Scanner

RoHS



- Detect Principle: Electro-Magnetic Induction
- Detects Wooden Beams, Metal Objects, Electrical Wire
- Metals Scan Depth: 100mm - Iron Pipe, 80mm - Brass Pipe
- Stud-scan Depth (Wood): 38mm
- Thick-scan Depth (Wood): 50mm
- AC Electrical Wire Depth: 50mm
- Voice Notification
- APO
- Low Battery Indication



UT311A - Vibration Tester

- Acceleration (PEAK): 0.1 ~ 199.99m/s²
- Datahold
- Velocity (RMS): 0.1 ~ 199.9mm/s
- Flashlight
- Displacement: 0.0001 ~ 1.99mm
- LCD Backlight
- Automatically Rotatable Screen
- APO
- High/Low Frequency Acceleration
- Long and short Probes
- Battery Indication
- USB-C Changing Interface



UT312A - Vibration Tester

- Acceleration (PEAK): 0.1m/s²
- Velocity: 0.1mm/s
- Displacement: 0.001 ~ 1.999mm
- Automatically rotatable screen
- High/low frequency acceleration
- Datahold
- LCD Backlight
- Battery Indication
- Flashlight
- APO
- USB C



UT343D - Coating Thickness Gauge

- Measuring Range: 0 ~ 1250µm
- Accuracy: 1µm
- Resolution: 0.1µm
- Measurement Method: Single/Continuous
- Metal Type: Ferrous / Non-Ferrous
- Display Type: 2.0 inches TFT LCD (320 x 240)
- LCD Brightness Control
- Auto Rotatable Screen
- Unit Conversion
- Audio Alarm
- LED Alarm
- PC Analysis Software
- USB Communication
- Quick Test Mode
- Data Storage 500
- APO
- Low Battery Indication



UT345A - Ultrasonic Thickness Gauge

- Measurement Range: 1.00 ~ 300.00mm
- Sound Velocity Range: (1000 ~ 9999) m/s
- Unit: mm/in
- Lower Limit of Pipe Measurement: Ø20 x 3mm (steel)
- Data Storage: 300 groups
- Single Measurement, Continuous Measurement, Alarm, Sound Velocity Measurement, Auto Calibration
- Display: 2.4"LCD



UT300S - 400°C Infrared Thermometer

- Temperature: -32 ~ 400°C
- Accuracy +/- 2°C
- Distance To Spot Ratio: 12:1
- Response Time 500ms
- Emissivity 0.10 ~ 1.00 Adjustable
- Selection °C/°F
- Display Hold
- APO
- Low Battery Indication
- MAX/MIN
- High Alarm
- Low Alarm
- LCD Backlight
- Auto Data Hold
- Optional (on/off) Laser Pointer
- Single Laser



UT306S - Infrared Thermometer RoHS



- Single Laser
- Temperature: -50°C ~ 500°C
- Accuracy: +/- 2°C
- D:S Ratio: 12:1
- TN Display
- Emissivity: 0.1 ~ 1.0 Adjustable
- °C/°F Selection
- High/Low Temperature Alarm
- Laser On/Off
- APO
- Low Battery Indication
- MAX/MIN/AVG/DIFF Modes
- Response Time: 500s
- Data Hold



UT306C - Infrared Thermometer RoHS



- Circle Laser
- Temperature: -50°C ~ 500°C
- Accuracy: +/- 2°C
- D:S Ratio: 12:1
- EBTN Display
- Emissivity: 0.1 ~ 1.0 Adjustable
- °C/°F Selection
- High/Low Temperature Alarm
- Laser On/Off
- APO
- Low Battery Indication
- MAX/MIN/AVG/DIFF Modes
- Response Time: 500s
- Data Hold



UT301A+ - Infrared Thermometer RoHS



- Temperature: -32°C ~ 420°C
- Accuracy: +/- 1.5°C
- Repeatability: 0.7°C
- D:S Ratio: 12:1
- Response Time: ≤250ms
- Emissivity: 0.1 ~ 1.0
- Spectral Response: 8μm ~ 14μm
- Laser Power: < 1mW
- Selection °C/°F
- Data Hold
- APO
- Low Battery Indication
- MAX/MIN/AVG/DIFF
- LCD Backlight
- High/Low Temp LED & Audible Alarm
- Lock Measurement
- LCD Display Colour EBTN
- Single Laser



UT301C+ Infrared Thermometer RoHS



- Temperature: -32°C ~ 600°C
- Accuracy: +/- 1.5°C
- Repeatability: 0.7°C
- D:S Ratio: 12:1
- Response Time: ≤250ms
- Emissivity: 0.1 ~ 1.0
- Spectral Response: 8μm ~ 14μm
- Laser Power: < 1mW
- Selection °C/°F
- Data Hold
- APO
- Low Battery Indication
- MAX/MIN/AVG/DIFF
- LCD Backlight
- High/Low Temp LED & Audible Alarm
- Lock Measurement
- Schedule Measurement
- LCD Display Colour EBTN
- Data Storage 99
- Ring Laser



UT301D+ - Infrared Thermometer RoHS



- Dual Laser
- Temperature: -32°C ~ 600°C
- Accuracy: +/- 1.5°C
- D:S Ratio: 12:1
- Emissivity: 0.1 ~ 1.0 Adjustable
- High/Low Temperature Alarm
- Audible Alarm
- LED Alarm
- MAX/MIN Measurement
- Data Storage 99
- Scheduled Measurement
- Date/Time
- High Contrast Colour EBTN Display



UT302A+ - Infrared Thermometer RoHS



- Temperature: -32°C ~ 700°C
- Accuracy: +/- 1.5°C
- Repeatability: 0.7°C
- D:S Ratio: 20:1
- Emissivity: 0.1 ~ 1.0
- Response Time: 250ms
- Spectral Response: 8μm~14μm
- Laser Power: < 1mW
- Selection °C/°F
- Data Hold
- APO
- LCD Backlight
- Low Battery Indication
- MAX/MIN/AVG/DIFF
- High/Low Temp LED & Audible Alarm
- Display Colour EBTN
- Lock Measurement
- Single Laser



UT302C+ - Infrared Thermometer RoHS



- Temperature: -32°C ~ 1100°C
- Accuracy: +/- 1.5°C
- Repeatability: 0.7°C
- D:S Ratio: 20:1
- Response Time: 250ms
- Emissivity: 0.1 ~ 1.0 Adjustable
- Spectral Response: 8μm ~ 14μm
- Laser Power: < 1mW
- Selection °C/°F
- Data Hold
- APO
- Low Battery Indication
- MAX/MIN/AVG/DIFF
- LCD Backlight
- High/Low LED & Audible Alarm
- Lock Measurement
- Data Storage 99
- Schedule Measurement
- LED Display Colour EBTN
- Circular Laser



UT302D+ - Infrared Thermometer RoHS



- Dual Laser
- Temperature: -32°C ~ 1100°C
- Accuracy: +/- 1.5°C
- D:S Ratio: 20:1
- Emissivity: 0.1 ~ 1.0 Adjustable
- High/Low Temperature Alarm
- Audible Alarm
- LED Alarm
- MAX/MIN Measurement
- Data Storage 99
- Scheduled Measurement
- Date/Time
- High Contrast Colour EBTN Display



UT303A+ - Infrared Thermometer RoHS



- Temperature: -32°C ~ 800°C
- Accuracy: +/- 1.5°C
- Repeatability: 0.7°C
- D:S Ratio: 30:1
- Response Time: 250ms
- Emissivity: 0.1 ~ 1.0
- Spectral Response: 8µm ~ 14µm
- Laser Power: < 1mW
- Selection °C/°F
- Data Hold
- APO
- MAX/MIN/AVG/DIFF
- LCD Backlight
- High/Low LED & Audible Alarm
- Single Laser



UT303C+ - Infrared Thermometer RoHS



- Temperature: -32°C ~ 1300°C
- Accuracy: +/- 1.5°C
- Repeatability: 0.7°C
- D:S Ratio: 30:1
- Response Time: 250ms
- Emissivity: 0.1 ~ 1.0 Adjustable
- Spectral Response: 8µm~14µm
- Laser Power: < 1mW
- Selection °C/°F
- Data Hold
- APO
- Data Storage 99
- Low Battery Indication
- MAX/MIN/AVG/DIFF
- LCD Backlight
- Lock Measurement
- High/Low LED & Audible alarm
- Schedule Measurement
- LCD Display Colour EBTN
- Circular Laser



UT303D+ - Infrared Thermometer

- Dual Laser
- Temperature: -32°C ~1300°C
- Accuracy: +/- 1.5°C
- D:S Ratio: 30:1
- Emissivity: 0.1 ~ 1.0 Adjustable
- High/Low Temperature Alarm
- Audible Alarm
- LED Alarm
- MAX/MIN Measurement
- Data Storage 99
- Scheduled Measurement
- Date/Time
- High Contrast Colour EBTN Display



UT309C - Professional Infrared Thermometer

- Temperature: -35 ~ 650°C
- Accuracy +/- 1.8°C
- D:S Ratio 12:1
- Response Time 250ms
- Emissivity 0.95 (adjustable 0.10 ~ 1.0)
- Lasers: Dual
- Laser Power: <1mW Class 2
- Laser Wavelength: 630nm ~670nm
- Spectral Response: 8µm ~ 14µm
- Selection °C/°F
- Display Hold 8
- Data Hold
- APO
- Low Battery Indication
- MAX/MIN/AVG/DIFF Mode
- High Alarm Red LED
- Low Alarm Blue LED
- LCD Backlight
- Lock Measurement
- Tripod Mounting Hole



PRO

RoHS



UT305C+ - Professional Infrared Thermometer

- Temperature: -50°C ~ 2200°C
- Type K Thermocouple: -50°C ~ 1370°C
- Accuracy +/- 1.8°C
- D:S Ratio 55:1
- Response Time: 250ms
- Emissivity 0.95 (adjustable 0.10 ~ 1.0)
- Lasers: Single
- Spectral Response: 8µm ~ 14µm
- Selection °C/°F
- APO
- Low Battery Indication
- LCD Backlight
- Lock Measurement
- Tripod Mounting Hole



RoHS



LM60T - Laser Tape Measure

RoHS

- Single/continuous measurement mode
- Portable and compact
- Measurement range:60m tape5m
- Accuracy)12.0mm
- Measurement basis)front/rear
- EBTN display
- Auto power off:3 minutes
- Auto laser shutdown:3s
- Data storage:20 sets
- Drop test)1m
- Measurement : area, volume, Pythagoras



LM50A - Laser Distance Meter

- Range: 50m
- Measurement Units: m/ft/in
- Min. Display Unit: 0.001m
- Measurement Basis: Front/Rear
- Accuracy: +/- 2mm
- Laser Class: 2
- Laser Type: 630 ~ 670nm, <1mW
- Single Measurement
- Continuous Measurement
- MAX/MIN/AREA
- Volume
- Pythagoras
- Add/Subtract
- Self Calibration
- Horizontal Bubble
- Data Storage 99 Groups
- APO
- Auto Laser Off
- Display Type: LCD
- Display Size: 50mm
- Audio Indication



LM70A Laser Distance Meter

RoHS
CE

- Range: 70m
- Measurement Units: m/ft/in
- Min. Display Unit: 0.001m
- Measurement Basis: Front/Rear
- Accuracy: +/- 2mm
- Laser Class: 2
- Laser Type: 630 ~ 670nm, <1mW
- Single Measurement
- Continuous Measurement
- MAX/MIN/AREA
- Volume
- Pythagoras
- Add/Subtract
- Self Calibration
- Horizontal Bubble
- Data Storage 99 Groups
- APO
- Auto Laser Off
- Display Type: LCD
- Display Size: 50mm
- Audio Indication



LM100A - Laser Distance Meter

RoHS

- Range: 100m
- Measurement Units: m/ft/in
- Min. Display Unit: 0.001m
- Measurement Basis: Front/Rear
- Accuracy: +/- 2mm
- Laser Class: 2
- Laser Type: 630 ~ 670nm, <1mW
- Single Measurement
- Continuous Measurement
- MAX/MIN/AREA
- Volume
- Pythagoras
- Self Calibration
- Horizontal Bubble
- Add/Subtract
- Data Storage 99
- APO
- Auto Laser Off
- Display Size: 50mm
- Audio Indication
- Physical Leveller



LM60MI - Mini Laser Distance Meter

RoHS

- Range: 60m
- Measurement Units: m/ft/in
- Laser Class: 2
- Laser Type: 630 ~ 670nm, <1mW
- Single Measurement
- Continuous Measurement
- MAX/MIN
- Volume
- Pythagoras
- Add/Subtract
- Data Storage 99
- APO
- Auto Laser Off



UNI-T ANGLE METER

LM320B - Angle Meter

- Measurement Range: 4 x 90°
- Accuracy: +/- 0.2°
- Resolution: 0.01°
- Display: EBTN
- Laser Indication: Two Side Lasers
- Magnet Base: Four-side Magnets
- Relative / Absolute Measurement
- Low Battery Indication
- Data Hold
- APO
- Portable and Lightweight
- Unique Laser Design



UNI-T PHASE ROTATION METER

UT261A - Phase Sequence & Motor Rotation Indicator

RoHS
CE

- AC Voltage: 40V ~ 690V
- Frequency: 15Hz ~ 400Hz
- Working Current: < 1mA
- Phase Sequence Indication: LCD
- Missing Phase Indication: LCD
- No Batteries Required



UT261B - Phase Sequence & Motor Rotation Indicator

RoHS
CE

- AC Voltage: 90V ~ 600V
- Frequency: 15Hz ~ 400Hz
- Working Current: < 3mA
- Phase Sequence Indication: LED
- Missing Phase Indication: LED
- Motor Rotation Indication: LED



UT262E - Non-Contact Phase Detector

- Phase Detection
- Live Power Detection
- Circuit Break Detection
- Voltage Detection
- Breakpoints Finding
- Breakpoints Positioning
- Power On Indication
- APO
- AC Voltage: 70V ~ 1000V
- Frequency: 50Hz ~ 60Hz
- Clamp Opening: 10 ~ 40mm



UT705 - Single Function Source Loop Calibrator

RoHS
CE

- DC Voltage: 30V
- DC Current: 24mA
- Loop Current: 24mA
- Loop Power Function: 24V
- Accuracy: Up to 0.02%
- Ramp Functions
- Step Function



UT603 - Inductance Capacitance Meter

RoHS
CE

- Resistance: 20MΩ
- Capacitance: 600μF
- Inductance: 20H
- Manual Ranging
- Diode
- Continuity Buzzer
- Low Battery Indication
- Transistor
- 2000 Display Count



UNI-T MICRO OHM METER

UT620A - Micro Ohm Meter

RoHS
CE

- Resistance: 120mΩ/5A - 6kΩ/100μA
- Resolution: 10μΩ
- Four-wire Measurement
- Wire Length Measurement
- High/Low Limit Alarm
- Data Storage 1000
- USB Data Transmission
- Manual Range
- Backlight
- Relative Value
- Low Battery Indication
- 60 000 Display Count



UNI-T ENVIRONMENTAL METERS - LUXMETERS

UT381A - Illuminance Meter

- Resolution: 400000lx
- Unit Switch: lx, fc,
- Auto Range
- MAX / MIN / AVG
- Data Hold
- Colour Correction Coefficient
- Backlight
- Bluetooth
- Data Record 99 sets
- Measuring Methods of Probe: Integrated, Split Design
- Real Time
- Over-Range Indication
- Low Battery Indication
- APO



UT383BT - Mini Light Meter

RoHS
CE

- Illuminance Measurement (Lux): 0 ~ 199,900 Lux
- Illuminance Measurement (FC): 0 ~ 18,500FC
- Resolution: 1 Lux, 10Lux, 100Lux, 1FC, 10FC
- Sampling Rate: 0.5/s
- APP
- Bluetooth
- Data Hold
- APO
- Low Battery Indication
- MAX/MIN
- LCD Backlight
- Overload Indication
- Tripod Mounting Hole



UT383S - Mini Light Meter

RoHS
CE

- Illuminance Measurement (Lux): 0 ~ 199,900 Lux
- Illuminance Measurement (FC): 0 ~ 18,500FC
- Data Hold
- APO
- MAX/MIN
- LCD Backlight
- Overload Indication
- Unit Selection
- Split Design



UT363BT - Mini Anemometer

- Wind Speed Rate: 0 ~ 30m/s
- Temperature Range: -10°C ~ 50°C
- Beaufort Wind Scale 0~12 level
- Wind Speed Resolution 0.1m/s
- Temperature Resolution 0.1°C
- Sampling Rate 0.5/s
- APP
- Bluetooth
- Data Hold
- APO
- Low Battery Indication
- MAX/AVG Mode
- LCD Backlight
- Overload Indication
- Wind Speed Unit Selection: m/s, km/h, ft/min, knots, mph
- Temperature °C/°F



RoHS
CE

UT363S - Mini Anemometer

- Wind Speed Rate: 0.4 ~ 30m/s
- Temperature Range: -10°C ~ 50°C
- Beaufort Wind Scale 0~12 level
- Sampling Rate 0.5/s
- Data Hold
- APO
- Split Design
- Low Battery Indication
- MAX/MIN
- AVG Mode
- LCD Backlight
- Wind Speed Unit Selection m/s, km/h, ft/min, knots, mph
- Temperature °C/°F
- Overload Indication
- Auto Range



RoHS
CE

UNI-T ENVIRONMENTAL METERS - SOUND LEVEL METER

UT353BT - Mini Sound Level Meter

- Range: 30dB ~ 130dB
- Accuracy: +/- 1.5dB
- Frequency Response: 31.5Hz ~ 8kHz
- Resolution 0.1dB
- Sampling Rate: Fast: 125ms, Slow: 1000ms
- APP
- Bluetooth
- Data Hold
- APO
- MAX/MIN
- Low Battery Indication
- LCD Backlight
- Overload Indication



RoHS
CE



UNI-T ENVIRONMENTAL METERS - HUMIDITY METERS

UT333BT - Mini Temperature Humidity Meter

- Temp Range: -10 ~ 60°C
- Temperature Resolution 0.1°C
- Humidity Range: 0 ~ 100%RH
- Humidity Resolution 0.1%RH
- Sampling Rate 1/s
- APP
- Bluetooth
- APO
- Data Hold
- Low Battery Indication
- MAX/MIN
- LCD Backlight
- Power ON/OFF
- Overload Indication
- Unit Selection °C/°F



UT333S - Mini Temperature & Humidity Meter (Hygrometer)

- Temp Range: 10 ~ 60°C
- Humidity Range: 0 ~ 100%RH
- Sampling Rate 1/s
- Data Hold
- Low Battery Indication
- MAX/MIN
- LCD Backlight
- Power ON/OFF
- Unit Selection °C/°F
- Split Design
- Overload Alarm
- APO



RoHS
CE

UT330TH - Data Logger

- Temperature Range: -30°C ~ 70°C
- Accuracy: +/- 0.4°C
- Resolution: -0.1°C
- Humidity: 0%RH ~ 100%RH
- IP67
- °C / °F Selection
- Data Storage 64 000
- Data Recall
- USB Interface
- Auto Record Time Setup
- User Name Settings
- Alarm Threshold
- Start Mode Setup
- Alarm Mode Setup
- LED Alarm
- Low Battery Indication



RoHS
CE
IP65

UT373 - Mini Non-Contact Tachometer

RoHS
CE

- RPM Range: 10RPM ~ 99999RPM
- Auto Range
- APO
- Low Battery Indication
- Laser-on Indication
- Data Hold
- MAX/MIN
- Rotating Speed/Count Function Switching
- Overload Indication
- LCD Backlight
- Refresh Rate: 1s ~ 7s
- Sensor Type: Photodiode & Laser Tube
- Target Distance: 50mm ~ 200mm
- Measuring Angle: 30°



UT371 - Non-Contact Tachometer

RoHS
CE

- RPM Range: 10RPM ~ 99999RPM
- Target Distance: 50mm ~ 200mm
- Data Hold
- APO
- Low Battery Indication
- MAX/MIN/AVG
- 10 000 Display Count



UT372D - 2-IN-1 Tachometer

RoHS
CE

Non-contact Measurement:

- RPM Range: 1RPM ~ 99,999RPM
- Frequency: 1 ~ 1.66Hz
- Count: 1 ~ 99,999REV
- Target Distance: 50mm ~ 500mm

Contact Measurement:

- RPM Range: 1 ~ 19,999RPM
- Frequency: 1 ~ 333Hz
- Surface Velocity: 6 ~ 60in/min
- Length: 0 ~ 99999 (m/ft/in)
- Measurement More: Contact RPM / Non-contact RPM / Counting / Frequency / Surface Velocity / Length
- Statistical Measurement: Max / Min / Last Reading / Ave
- Data Storage (10)
- APO



UT320D - Mini Dual Contact Thermometer

RoHS
CE

- Measurement Range: -50 ~ 1300°C
- Dual Display Mode T1 & T2
- Difference Measurement T1 - T2
- MAX/MIN/AVG
- Backlight
- Data Hold
- APO
- Low Battery Indication
- Selection °C/°F
- Dual Thermocouples
- Mode Selection K/J



UT325 - Dual Contact Thermometer

RoHS
CE

- Measurement Range: -200 ~ 1300°C
- Dual Display Mode T1 & T2
- Dual Input Mode
- Data Storage 100
- USB Interface
- High/Low Alarm
- Auto Calibration
- MAX/MIN/AVG
- Backlight
- Data Hold
- APO
- Low Battery Indication
- Selection °C/°F/K



UT325F- 4-Channel Thermometer

- Thermocouple Types: Type K, J, T, E, R, S, N
- Measuring Range: Type K: -200°C ~ 1372°C; J: -210°C ~ 1200°C; T: -250°C ~ 600°C; E: -150°C ~ 1000°C; R&S: 0°C ~ 1767°C; N: -200°C ~ 1300°C

Measurement Function:

- Unit selection: °C / °F / K
- Data Hold
- APO
- MIN / MAX / AVG
- Difference
- Timing Measurement
- System Function: Data Recording: 72000
- Backlight
- Data Transmission: Type-C USB
- Power Frequency Anti-Interference: 50/60Hz
- Bluetooth



A63 - 2-in1 Food Thermometer

Infrared:

- Accuracy: -40°C ~ 300°C
- Emissivity: 0.95
- Distance to Spot Ratio: 8:1
- Spectral Range: 5µm ~ 14µm
- Response Time: <250ms
- Repeatability: 1.0°C
- Single Laser
- Laser Power: <1mw
- Laser Wavelength: 650 +/- 20nm

Probe:

- Accuracy: -50°C ~ 300°C
- Probe Type: NTC
- Minimum Measuring depth: 12.7mm
- APO
- IP65
- Low Battery Indication
- LED Alarm
- Data Hold
- MAX / MIN / Difference
- Display Flipped



A61 - Digital Thermometer

- Measurement: -40°C ~ 250°C
- Minimum Measuring Depth: 12mm
- NTC Sensor
- Stabilization Time: 20s
- Power: 3V button Cell
- Battery Duration: 12h
- IP65
- LED Alarm
- Data Hold
- MAX/MIN
- CATIII 600V



UT320T - Mini Dual Contact Thermometer

- Measurement Range: -40° ~ 300°C
- Distance To Spot: 8:1
- Emissivity: Adjustable
- Spectral Range: 5µm ~ 14µm
- Class 2 Laser
- Probe Measurement: -40°C ~ 300°C
- Probe Type: NTC
- Minimum Measuring depth: 12.7mm
- Data Hold
- Lock Measurement
- MAX/MIN/DIFF



A12T - Temperature Humidity Meter

- Temperature: -10 ~ 50°C
- Sampling Time: 10s
- Display of Temperature, Humidity and Time
- Dual Temperature Measurement
- Humidity: 20% ~ 95% RH
- External Temperature: -10°C ~ 50°C
- MAX/MIN
- Comfort Rating: Cold/Dry/Comfort
- Alarm Clock/Time Display
- 12/24 Hour Mode



UNI-T WIRE TRACKERS

UT682 - Wire Tracker

- Wire Types: LAN Cable, Telephone Cable, Coaxial Cable, Electric Wire
- Indication Light For Signal Strength
- Live Switchboard Wire Tracing
- Switchboard Wire Tracing Distance: ≥100m
- Telephone Wire Test Distance ≥3000m
- Shielded / Unshielded Tracking Distance ≥320m
- Open and Short Circuit Test
- Polarity Indication for Telephone Wires
- Broken Wire Tracking
- Max Receiver Operating Current 40mA
- Max Receiver Standby Current 10mA
- Telephone Wire and LAN Cables Distinction
- Transmitter Low Battery Indication
- Transmitter Power Supply 9V Battery
- Headphone Jack for Receiver
- Line Sequence Measurement
- Line Sequence Measuring Speed
- LAN Cable: Shielded/Unshielded Indication
- Transmitter - Output Voltage: ≥ 12V Peak ~ Peak



UT682D - Tone and Probe Wire Tracker

- Wire Types: Telephone Lines/Twisted Pair/Electric Wire
- Telephone Wire Test Distance ≥3000m
- Polarity Indication for Phone Lines
- Transmitter Output Voltage: 8V DC
- Transmitter Power Supply: 9V Battery
- Receiver Power Supply: 9V Battery
- Polarity Indication for Telephone Wires
- Max Receiver Operating Current 40mA
- Max Receiver Standby Current 10mA



UT683KIT - Wire Tracer

- Automatically Identify: Open, Short, Polarity, Cable Failure
- Transmitter:
 - Port Flashing
 - Wire Tracking
 - Line Alignment
 - Open-short Test: 10kΩ
 - Polarity Test
- Receiver:
 - Wire Tracking: RJ11 > 3000m; RJ45 > 100m
 - NCV
 - Headset Jack
- Accessories: USB Cable, RJ11 Alligator Clip, Test X Cable; RJ45 Test Cable, RJ11 Test Cable



UT685BKIT - TDR Cable Tester

- Tested Cable Type: Twisted Pair
 - Cable: UTP, FTP, SSTP, Coaxial Cable: 50Ω, 75Ω, 93Ω
- Cable Length Test: Range: 500m
- POE Detection
- Ethernet Port Test
- Cable Location
- Port Blinks
- APO



UT681L - Cable Tester RJ45/RJ11

RoHS



- Cable Tester for RJ45/RJ11
- Fast-speed Test Mode LED ~ LED18, LED_G
- Slow-speed Test Mode LED ~ LED*, LED_G
- Test for Short Circuit, Crossover, Open Circuit etc
- Ethernet Cable - Shielded / Unshielded
- Manual Shutdown Function
- APO
- Single Key Operation
- 9V Battery
- Low Battery Detection



UT681C - Cable Tester RJ45/RJ11/BNC Adapter

RoHS



- Cable Tester for RJ45/RJ11/BNC Adapter
- Fast-speed Test Mode LED1 ~ LED8, LED_G
- Slow-speed Test Mode LED1 ~ LED, LED_G
- Test for Short Circuit, Crossover, Open Circuit etc.
- Ethernet Cable - Shielded / Unshielded
- Manual Shutdown Function
- APO
- Single Key Operation
- 9V Battery
- Low Battery Detection



UNI-T WOOD MOISTURE METER

UT377A - Mini Wood Moisture Meter

RoHS



- Wood Moisture Measurement: 2 ~ 40%
- Refresh Rate: 2 times
- Auto Range
- APO
- Low Battery Indication
- Data Hold
- MAX/MIN
- Backlight
- Ambient Temperature Correction
- 1m Drop Test
- Wood, Paper, Plywood and Other Wooden Materials



UT377C - Pinless Moisture Meter

RoHS



- Wood and Building Material Measurement: 4 ~ 99%
- Temperature Measurement: -20°C ~ 70°C
- Sensor Size: 50 x 50mm
- Minimum Target Size: 50 x 50mm
- Target Thickness Range: 6 ~ 30mm
- Screen Display: EBTN Colour Screen
- Simulation Bar Indication
- Audible Alarm Indication
- Flashlight
- APO
- Measurement mode: Softwood, Hardwood, Drywall, Masonry



UNI-T BATTERY TESTERS

UT673A - Battery Tester

RoHS



- 12V Battery Test: 7 ~ 16V DC
- 12V/24V Cranking System Test: 7 ~ 30V DC
- 12V/24V Charging system test: 7 ~ 30V DC
- Battery Type: Ordinary Lead Acid Battery, AGM Flat Plate Battery, AGM Spiral Battery, GEL Battery, EFB Battery
- Battery Capacity: 3 ~ 250Ah
- Over Voltage Protection
- Reverse Connection Protection
 - A Prompt For Poor Contact
 - Battery Status, Life, Capacity Display
 - Battery Internal Resistance Display
 - Four-Terminal Kelvin Test
 - Test without Battery Disassembly
 - LED Colour Indication for Test Results



UT675A - Battery Tester

RoHS



- 12V Battery Test: 7 ~ 16V DC
- 12V/24V Cranking System Test: 7 ~ 30V DC
- 12V/24V Charging system test: 7 ~ 30V DC
- Battery Type: Ordinary Lead Acid Battery, AGM Flat Plate Battery, AGM Spiral Battery, GEL Battery, EFB Battery
- Battery Capacity: 3 ~ 250Ah
- Over Voltage Protection
- Reverse Connection Protection
- A Prompt For Poor Contact
- Battery Status, Life & Capacity Display
- Battery Internal Resistance Display
- USB Communication
- Printing Function
- Four-Terminal Kelvin Test
- Test without Battery Disassembly
- LED Colour Indication for Test Results



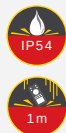
UT677A - Battery Internal Resistance Tester

- Battery Internal Resistance Range: 0.0mΩ ~ 3mΩ
- Battery Voltage Range: 0.0V ~ 71V
- Temperature Range: -10°C ~ 60°C
- Screen: 3.5 inches
- Response Time: 200ms
- Measuring Time: 2sec
- APO
- USB Interface
- Bluetooth
- Data hold and Storage
- Measurement Judgement Function



UT691-10 - Visual Fault Locator

- Laser Output Power: >10mW
- Optical Fiber Length Range: 8~10km
- Wavelength of Redlight: 650 +/- 10nm
- Optical Fiber Adapter: 2.5mm FC General Connector
- Battery Type: Lithium
- Battery Life: 7h
- Battery Status Display
- Continuous / Pulse Laser Mode
- APO
- Warning Symbols



UNI-T RANGE FINDER

LM600G - Golf Range Finder

- Distance Range: 3m ~ 600m
- Height: 250m
- Accuracy: 0.2%
- Speed Range: 0 ~ 300km/h
- Magnification: 6x
- Power: 3.7V Li-ion
- Angle: +/- 60°
- Objective Aperture: 19mm
- Eye Piece Aperture: 15mm
- Exit Pupil Diameter: 3.7mm
- Flagpole Lock
- Golf Trajectory Compensation Mode
- Slope Measurement
- Height Measurement
- APO



UNI-T BORESCOPE

UT665 - Borescope

- Pixels: 640 x 480
- Field of View: 60°
- Image Brightness: 6 levels - adjustable
- Illumination: 4 levels - adjustable
- Image Rotation
- Battery Power Indication
- Video Signal: Analog
- IP67 (Probe Only)
- Focal Length: 20mm ~ 100mm
- 4 LED Lights
- Probe Length: 1m (3m Option Available)
- Lens Dia.: 9mm
- LCD Size: 60mm
- Screen Type: TFT
- Depth Of View: >20mm



UT366A - Digital Manometer

- Resolution:
 - 0.00 ~15.00 kPa
 - 0.0 ~150.0 mbar
 - 0.000 ~0.150 bar
 - 0.000 ~2.175 psi
 - 0.0 ~112.5 mmHg
 - 0.00~60.29 inH2O
 - 0.000 ~4.429 inHg
 - 0.00 ~34.80 ozin²
 - 0.000 ~0.152 kgcm²
 - 0.000 ~5.026 ftH2O
 - 0.0 ~1531 mmH2O
 - 0.0 ~150.0 hPa
 - 0.0 ~19999.9 m/s
 - 0 ~199999 fpm
- Accuracy: +/- 0.5%
- Unit Conversion: kPa, mbar, bar, psi, mmHg, inH2O, inHg, ozin², kgcm², ftH2O, mmH2O, hPa, m/s(fpm)
- APO
- Low Battery Indication
- LCD Type: FSTN
- Backlight
- LED Indication



LM573R - Laser levels

- Laser Tube: SHARP LD
- Laser Type: Red, high brightness
- Laser Lines: 12 lines
- Laser Class: Class 2
- Light Source: 10mW
- Laser Wavelength: 635nm
- H/V Accuracy: ±3mm/10mm
- Brightness Adjustment: 3 Scales Adjustable
- Laser Linewidth: < 5mm • Emission Angle: 360°
- Leveling Range: 3°
- Minimum distance to wall: 10mm
- Battery Life: >30h
- Operating Range: > 30m
- Leveling Modes: Buzzer + Laser Line Flashes
- Diagonal Mode
- Operating Temperature: -10°C ~ 50°C



LM576R - Laser Levels

- Laser Tube: SHARP LD
- Laser Type: Red, high brightness
- Laser Lines: 16 lines
- Laser Class: Class 2
- Light Source: 10mW
- Laser Wavelength: 635nm
- H/V Accuracy: ±3mm/10mm
- Brightness Adjustment: 3 Scales Adjustable
- Laser Linewidth: < 5mm • Emission Angle: 360°
- Leveling Range: 3°
- Minimum distance to wall: 10mm
- Battery Life: >30h
- Operating Range: > 30m
- Leveling Modes: Buzzer + Laser Line Flashes
- Diagonal Mode
- Operating Temperature: -10°C ~ 50°C



LM570LD-II - Laser Leveler

- Laser Type: Green LD
- Laser Line: 2 Lines
- Operating Distance: 10m
- Laser Wavelength: 520nm
- Laser Class: 2
- Laser Accuracy: +/-3mm/10m
- Self-Leveling Range: +/- 3°
- Self-Leveling Time: < 3s
- Working Hours: > 4h



LM573LD-II - Laser Leveler

- Laser Type: Green LD
- Laser Line: 3D 12 Lines
- Laser Wavelength: 520nm
- Laser Class: 2
- Laser Accuracy: +/-3mm/10m
- Outdoor Pulse Mode
- Remote Control
- Self-Leveling Range: +/- 3°
- Self-Leveling Time: < 3s
- Working Hours: > 6h



LM555LD - Laser Leveler

- Display Type: Green LD
- Line Type: 4V1H 1D
- Laser Wavelength: 510 ~ 515nm
- Light Source: < 1mW
- Laser Class: 2
- Expanded Angle: H130° / V 110°
- H/V Accuracy: +/- 3.5°
- Self-Leveling Method: Gravity Pendulum Magnetic Damping
- Self-Leveling Time: <3s
- Working Distance: Line 20m, Point 25m@200Lux
- Working Time: >5h (All Lasers On)



UT-L01 - Tweezer Test Leads

- Cable Length: 450mm
- Probe Length: 5mm
- Saafety Level: CAT III 1000V
- Application: SMT Components Measurement, Universal Test leads



UT-L07 - Probes

- Cable Length: 1000mm
- Probe Length: 5mm + 12mm
- Temperature Condition: -15°C ~ 40°C
- Safety Level: CAT III 1000V 10A
- Feartures & Application: Double Insulated, Lantern Probes, Removable Probe Protector, General Type Probes, All Multimeters and Clamps Measuring within Spec



UT-L13 - Double Insulated Test Leads

- Cable Length: 900mm
- Standard Banana Interface: Ø4mm
- Body Length: 128mm
- Probe Length: 18mm
- CAT Rating: CATIII 1000V 10A
- Recommended Alligator Clips: UT-C02A / UT-C04A
- Double Insulation
- UL Authenticated
- Removable Insulation Cap



UT-L20 - Test Leads

- Cable Length: 900mm
- Rod Length: 101mm
- Tip Length: 16.5mm
- CAT Rating: CAT I 1000V / CAT II 600V 10A
- Recommended Alligator Clips: UT-C12
- Cross Plug with Shield Sleeve
- General Type Probes



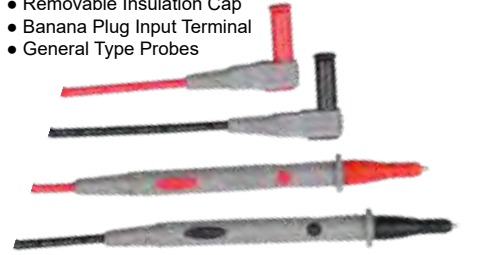
UT-L21 - Test Leads

- Cable Length: 900mm
- Rod Length: 133mm
- Tip Length: 15.8mm
- CAT Rating: CAT III 1000V / CAT IV 600V 20A
- Recommended Alligator Clips: UT-C12
- Cross Plug with Shield Sleeve
- All Multimeters and Clamps



UT-L27 - Double Insulated Test Leads

- Cable Length: 900mm
- Rod Length: 130mm
- Tip Length: 16.3mm Threaded
- CAT Rating: CATIII 1000V, CATIV 600V 10A
- Safety Certificate: EN 61010-031 A1:2015
- Recommended Alligator Clips: UT-C02B
- Double Insulation UL Authenticated Material
- Removable Insulation Cap
- Banana Plug Input Terminal
- General Type Probes



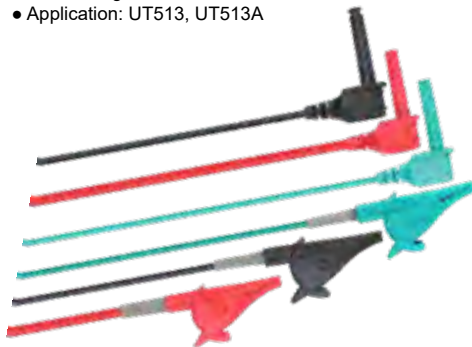
UT-L31 - Double Insulated Test Leads

- Cable Length: 1300mm
- Tip Length: 18.5mm
- CAT Rating: CATIII 1000V, CATIV 600V 10A
- Rod With Switch
- Removable Insulation Cap
- Used for UT505B



UT-L34 - Group Test Leads

- Total Cable Length: 1500mm +/- 20mm
- Combinations: Combined with 1PCS Green, 1PCS Black and 1PCS Red Alligator Clip Test Leads
- CAT Rating: CATIII 1000V, CATIV 600V 10A
- Application: UT513, UT513A



UT-L35 - Group Test Leads

- Combinations:
 - 1.6m Test Lead (Green + Red) 1 Pair
 - 5m Green Test Lead 1PCS
 - 10m Yellow Test Lead 1PCS
 - 20m Red Test Lead 1PCS
- Material: UL Authenticated Material
- CAT Rating: CATIII 1000V, CATIV 600V 10A
- Application: UT521, UT522, UT572



UT-L65 - Gold Plated Test Probes

- Cable Length: 1200mm
- Tip Length: 17.5mm
- Rod Length: 130mm
- CAT Rating: CATIII 1000V, CATIV 600V 10A
- Gold Plates
- Removable Protective Sleeve



UT-L90 - Test Probe With Extra-Fine Tip

- Cable Length: 1200mm
- Tip Length: 17.5mm
- Rod Length: 130mm
- CAT Rating: CATIII 1000V
- Gold Plates
- Removable Protective Sleeve
- Fine-Tipped Test Probe



UT-T01 - Thermocouple

- Accuracy: ±0.75%
- Test Range: -40°C ~ 260°C
- Teflon Covered Insulation
- Through Hole Input
- Used for General Temperature Measurement
- NOT for Liquid Measurement



UT-T06 - Thermocouple

- Probe Length: 125mm
- Lead Wire Length: 1000mm
- Test Range: -50°C ~500°C
- Aimed At Flat Or Slightly Convex Surfaces
- Used For Hot Roller And Vessel Surface Temperature Measurement



UT-T03 - Submerged Thermocouple

- Probe Length: 180mm
- Lead Wire Length: 1000mm
- Test Range: -50°C ~600°C
- Metal Covers From Head To Handle
- Used For Liquid And Gel Temperature Measurement



UT-T10K - Temperature Probe

- Test Range: -40°C ~ 260°C
- Accuracy: 0.75%
- Used for UT213 series, UT39C, UT204A, UT206, UT208, UT208A, UT107, UT109, UT136C+, UT133A, UT89X, UT39C+



UT-C02A - Alligator Clips

- Through Hole Alligator Clip
- Length: 80mm
- Clip Opening: 36mm
- CAT Rating: CATIII 1000V, CAT IV 600V 10A
- Recommended Test Leads: UT-L13



UT-C02B - Alligator Clips

- Through Hole Alligator Clip
- Length: 80mm
- Clip Opening: 36mm
- CAT Rating: CATIII 1000V, CAT IV 600V 10A
- Insulated with M4 Threaded Bore Screw Connection
- Recommended Test Leads: UT-L13



UT-C01 - Hook Type Test Clamp

- Rod Length: 6.2mm can extend to 7.5mm
- Safety Handle and Spr



UT-C06 - Test Probes

- Rod Length: 106mm
- Probe Length: 19mm
- Safety Level: CAT III 1000V 2A
- Fully Insulated
- Tip Protectors
- Banana Plug Probes



UT-C08 - Test Probes

- Rod Length: 99mm
- Probe Length: 18mm
- Safety Level: CAT III 1000V, CAT IV 600V 10A
- Fully Insulated
- Tip Protectors
- Straight Type Probes



UT-C09 - Test Probes

- Rod Length: 99mm
- Probe Length: 18mm
- Safety Level: CAT III 1000V, CAT IV 600V 10A
- Fully Insulated
- Tip Protectors
- Lantern Type Probes



UT-C12 - Through Hole Alligator Clips

- Length: 53mm
- Opening: 6mm
- With Protector
- Recommended Test Leads: UT-L104 / UT-L20 / UT-L21



UT593TESTLEADKIT

- Case with complete test lead set for UT593



NOTES

[illegible]

Other products also supplied by Three-D Agencies:



BetaFlex Conduit



Braided Sleeving



Cable Glands



Cable Ties



Cable Trunking



DIN Rail



Dome Plugs & Snap Bushing



Grommets



Hand Tools



Heat Shrink Product



Insulation Tapes



Lugs & Ferrules



MaxTorque Screwdrivers



MaxTorque Tool Kits



Power Tools



Spiroband



Terminals



UNI-T Accessories



UNI-T Instruments

DISTRIBUTED BY:

JOHANNESBURG

47 Galaxy Avenue
Linbro Business Park,
Frankenwald,
Sandton
T: 011 392 3804
F: 011 392 3812

DURBAN

21 Quarry Park Place,
Riverhorse Valley
Durban
T: 031 263 7800
F: 031 263 2458

CAPE TOWN

26 Montague Drive
Montague Gardens
T: 021 552 5242
F: 021 552 5242

THREE-D
AGENCIES
THE CABLE ACCESSORY COMPANY

Website: www.three-d.co.za
Email: sales@three-d.co.za