

UT281 SERIES

True RMS Flex Clamps

UT281 series can measure large currents in various harsh and hard to reach environments. They are designed with Rogowski flex coil and can test up to 3000A AC current. UT281A/C are from UNI-T's Pro Line series, which meet IP54 and 2m drop proof requirements. Due to the ease in operation, accurate readings, stable performance and reliable quality, these flex clamps are ideal tools for electricians.



● UT281E

- Refresh rate: 3 times/s
- True RMS
- Data hold/buzzer
- Auto power off
- Low battery indication
- Backlight/function selection
- 2m drop test



SPECIFICATION	UT281A	UT281C	UT281E
Certificates	CE, RoHS, cETLus		
AC current (A)	3000A; ±(3%+5)	3000A; ±(3%+5)	3000A; ±(3%+5)
Frequency response	45Hz-500Hz (sine wave)	45Hz-500Hz (sine wave)	45Hz-500Hz (sine wave)
Inrush current	0.5A-3000A (for reference)	0.5A-3000A (for reference)	0.5A-3000A (for reference)
AC voltage (V)			600V; ±(1.2%+3)
Resistance (Ω)			60MΩ; ±(1.2%+3)
Frequency (Hz)			20Hz-30kHz; ±(1%+2)
Range selection	Manual	Manual	Auto (manual range available in current measurement)
Flex coil size	10" (25.4cm)radius: 1.5" (3.8cm)	18" (45.7cm)radius: 3.1" (8cm)	18" (45.7cm)radius: 3.1" (8cm)
Display count	3000	3000	6000 (3000 in current measurement)
Display interface (LCD)	Single	Single	Dual
IP rating	IP54	IP54	
Category rating	CAT IV 600V		

GENERAL CHARACTERISTICS	
Power	1.5V battery (R03) x 3
Display	32 x 34mm (1.8 inches)
Product net weight	UT281A: 220g; UT281C: 236g; UT281E: 250g
Product size	UT281A: 300mm x 150mm x 55mm; UT281C: 350mm x 190mm x 55mm; UT281E: 325mm x 180mm x 30mm
Standard accessories	Batteries, test leads (UT281E), English manual (UT281A/C only: German, French, Spanish optional)
Standard individual packing	Gift box, blister
Standard quantity per carton	10pcs
Standard carton measurement	UT281A: 580mm x 380mm x 180mm; UT281C: 420mm x 355mm x 425mm; UT281E: 435mm x 380mm x 245mm
Standard carton gross weight	UT281A: 4.9kg; UT281C: 6.2kg; UT281E: 6.3kg

UT-CS09D

Flex Clamp Sensor

UT-CS09D flex clamp sensor solves problems in measuring high current conductors in tight spaces. Its Rogowski coil based current sensor provides stable, safe, and high reliable measurements up to 3000A. This unique design and lightweight feature make it a great choice for professional electricians.

- Flex clamp can measure from 1.5A to 3000A current
- 1m drop proof
- Robust terminal connection
- Directly displays current when connected to UT206B/208B



● UT-CS09D



● BNC adapter

SPECIFICATION	Range
Certificates	CE, RoHS, cETLus
AC current (A)	30A/300A/3000A
Frequency response	45Hz-500Hz
Flex clamp size	45.7cm (18 inches)
Operating temperature	0°C-50°C
Storage temperature	-20°C-60°C
Storage humidity	≤80%RH
Low battery indication	About 3.3V
Category rating	CAT IV 600V

GENERAL CHARACTERISTICS	
Power	1.5V battery (R03) x 3
Product net weight	260g
Product size	267mm x 119.4mm x 34mm
Standard accessories	Batteries, BNC adapter, English manual
Standard individual packing	Blister
Standard quantity per carton	10pcs
Standard carton measurement	495mm x 405mm x 225mm
Standard carton gross weight	7kg