

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.



SPECIFICATIONS

	Range	UT281A	UT281C	UT281E
AC current (A)	30A/300A/3000A	±(3%+5)	±(3%+5)	±(3%+5)
Frequency response	45Hz~500Hz (sine wave)	√	√	√
Inrush current	0.5A~3000A (for reference)	√	√	√
AC voltage (V)	600V			±(1.2%+3)
Resistance (Ω)	60MΩ			±(1.2%+3)
Frequency (Hz)	20Hz~30kHz			±(1%+2)

Features

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)
Refresh rate		3 times/s	3 times/s	3 times/s
True RMS		√	√	√
Display interface (LCD)		Single	Single	Dual
Data hold/Buzzer		√	√	√
Auto power off		√	√	√
Low battery indication		√	√	√
Backlight/Function selection		√	√	√
2m drop test		√	√	√
IP rating		IP54	IP54	

GENERAL CHARACTERISTICS

Power	1.5V battery (R03) x 3
Display	32 x 34mm (1.8 inches)
Product color	Red and grey
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, PC software CD (UT281A), test leads (UT281E)
Standard individual packing	Gift box, blister, English manual
Standard quantity per carton	UT281A/UT281C: 8pcs; UT281E: 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