

# UT243

Power and Harmonics Clamp Meter

**UNI-T**®

UT243 is a hand-held and stable power and harmonics clamp meter with digital ammeter and power meter functions. This meter can measure voltage, current, active/reactive power, power factor, phase angle and more. It can also measure single harmonic components up to 20 times. UT243 can be used in power equipment, circuit measurement, and power quality evaluation.



UT243

Characteristics	Range	Accuracy
<b>Certificates</b>	<b>CE, UKCA</b>	
AC current (A)	1000A	±(2%+5)
AC voltage (V)	600V	±(1.2%+5)
Frequency (Hz)	40Hz~80Hz	±(0.5%+5)
Active power (W)	0.01kW~600kW	±(3%+5)
Apparent power (VA)	0.01kVA~600kVA	±(3%+5)
Reactive power (VAr)	0.01kVAr~600kVAr	±(4%+5)
Power factor	0.3~1	±0.022
Phase angle (°)	0°~360°	±2°
Active energy (Wh)	1kWh~9999kWh	±(3%+2)
Display count	10000	
Jaw opening	50mm	
True RMS	√	
Data storage	999	
Harmonic analysis	1~20	
Phase sequence test	Positive phase, reverse phase, phase deficiency	
Input impedance for DCV	≥5MΩ	
Category ratings	CAT II 1000V, CAT III 600V	

Features	
Auto range	Auto power off
Low battery indication	Data hold
MAX/MIN	LCD backlight
Single-phase 2-wire	3-phase 3-wire/3-phase 4-wire
Input protection	USB interface

Characteristics	
Standard accessories	Batteries, test leads, alligator clips, USB interface cable, English manual
Power	1.5V battery (R6) x 4
Display	46 x 42mm
Product size	303 x 112 x 39mm
Product net weight	601g
Standard individual packing	Gift box, tool box
Standard quantity per carton	5pcs
Standard carton measurement	510 x 375 x 320mm
Standard carton gross weight	12.3kg