

## UT243

### Power and Harmonics Clamp Meter

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 grid power quality evaluation.

- 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



● UT243



SPECIFICATION	Range	Accuracy
Certificates	CE, RoHS	
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	v	
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	
<b>GENERAL CHARACTERISTICS</b>		
Power	1.5V battery (RG) x 4	
Display	46mm x 42mm	
Product net weight	601g	
Product size	303mm x 112mm x 39mm	
Standard accessories	Batteries, test leads, alligator clips, USB interface cable, English manual	
Standard individual packing	Gift box, tool box	
Standard quantity per carton	5pcs	
Standard carton measurement	510mm x 375mm x 320mm	
Standard carton gross weight	12.3kg	

## UT251 SERIES

### High Sensitivity Leakage Current Clamp Meters

UT251 series high-accuracy high sensitivity leakage current clamp meters are designed for testing AC leakage current. These high resolution meters are great for applications such as checking leakage current for motor, home appliances and other electrical equipment up to 600A.



● UT251A

- Display: 4 digits LCD
- Auto range
- RS-232
- Peak
- Data hold
- Overload protection: OL
- Auto power off: 5 minutes
- Low battery indication: ≤7.2V
- Over-range display: OL
- Test mode: Clamp CT, integral mode

SPECIFICATION	Range	UT251A	UT251C
Leakage current (A)	0.001mA~60A	±(1.5%+5)	±(1.5%+5)
	60A~199.9A		±(2%+5)
	200A~300A		±(3%+5)
	300A~600A		±(4%+5)
	Voltage (Freq.) 0V-600V (50Hz/60Hz)	v	v
Clamp size	Resolution	1uA	1mA
Data storage		25mm x 30mm	35mm x 40mm
Category ratings	CAT III 600V	99	99
<b>GENERAL CHARACTERISTICS</b>			
Power	9V battery (6F22)		
Display	32mm x 15mm		
Product net weight	120g		
Product size	175mm x 70mm x 38mm		
Standard accessories	Battery, RS-232 interface cable, English manual		
Standard individual packing	Gift box, carrying bag, tool box		
Standard quantity per carton	5pcs		
Standard carton measurement	325mm x 293mm x 110mm		
Standard carton gross weight	2.3kg		