

UT253/257 SERIES

Large Jaws Leakage Current Clamp Meters

UT253 series are large current high precision leakage clamp meters that can measure up to 2000A. Its large 80mm×80mm jaw is able to clamp up to 96mm cables or flat-steel ground wires. UT253' s intelligent design can measure leakage current, three-phase voltages and display them on the screen simultaneously. UT257A is a 3000A large current clamp with AC leakage current detection capability. Its large jaw (108mm×148mm) is capable of clamping cables up to 108mm in diameter or 160mm×4mm flat-steel ground wires.

- Auto range; RS-232
- LCD backlight/Data hold
- Over-range display
- Auto power off
- Low battery indication



● UT253A

● UT257A

SPECIFICATION	Range	UT253A	UT253B	UT257A
Leakage current (A)	0mA~300A	±(1.5%+3)	±(1.5%+3)	
	0mA~499A			±(2%+5)
	300A~1200A	±(2%+3)	±(2%+3)	
	500A~999A			±(3%+5)
	1000A~2999A			±(4%+5)
Test range	1200A~2000A		±(3%+3)	
	AC 0.0mA-3200A	v	v	v
AC voltage (V)	Resolution	0.01mA	0.1mA	0.1mA
	0.00V~600V	±(1.5%+3)	±(1.5%+3)	
	Frequency: 50Hz/60Hz	v	v	
Display mode	Resolution	0.01V	0.01V	
	UT253A/UT253B: 80mm×80mm;	128 dots×64 dots LCD	128 dots×64 dots LCD	4 digits LCD
Clamp size	UT257A: 108mm×148mm (can clamp φ 108mm wires, or 160mm×4mm flat-steel ground wires)			
Data logging		200	200	99
Test mode	Clamp CT, integration	v	v	v
Category ratings		CAT III 600V		

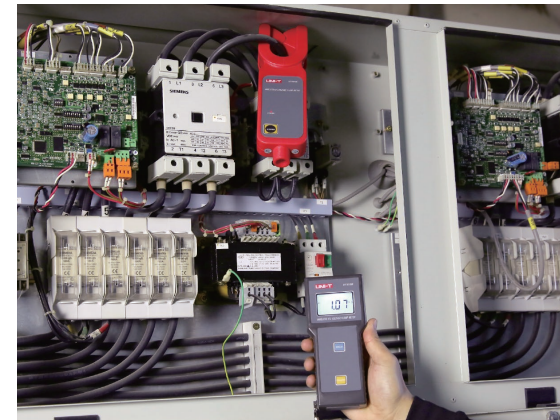
GENERAL CHARACTERISTICS	
Power	UT253A/UT253B: 1.5V Battery (LR6) x 4; UT257A: 6V DC battery (LR6) x 4
Display	UT253A/UT253B: 43mm x 29mm; UT257A: 47mm x 28.5mm
Product net weight	UT253A/UT253B: 1kg; UT257A: 1.5kg (with batteries)
Product size	UT253A/UT253B: 275mm x 145mm x 40mm; UT257A: 350mm x 180mm x 55mm
Standard accessories	Batteries, test leads (3 red, 1 black) (UT253A/UT253B), RS-232 interface cable, English manual
Standard individual packing	Gift box, tool box
Standard quantity per carton	1pcs
Standard carton measurement	UT253A/UT253B: 370mm x 110mm x 300mm; UT257A: 430mm x 290mm x 150mm
Standard carton gross weight	UT253A/UT253B: 3kg; UT257A: 3.8kg

UT255 SERIES

High Voltage Clamp Ammeters

UT255 series high voltage clamp ammeters can measure up to 69kV high voltage line current and leakage current. UT255 comes with an insulation rod, allowing professional users to check status of lightning arresters. The wireless model (UT255B) is also able to wirelessly transmit data in real-time up to 30m range. Its clamp can be easily removed from wire by pressing or pulling back the insulation rod.

- Auto range
- 2 times/s sampling rate
- Peak hold
- Manual range
- RS-232 interface
- Data hold
- Over-range display: OL
- Auto power off/LCD backlight
- low battery indication
- Overload protection
- Automatic plug clamp
- Data recall
- Test mode: Clamp CT, integration
- Stores 99 sets of data



● UT255B

SPECIFICATION	Range	UT255A	UT255B
Leakage current (A)	0.01mA~100A	±(1%+5)	±(1%+5)
	100A~600A	±(2%+5)	±(2%+5)
Display mode	Voltage (Freq.) 0V~69kV (50Hz/60Hz)	v	v
Jaw opening	4 digits LCD	v	v
Wireless transmission	≤30m	33mm	33mm
Data storage		v	v
Category ratings		99	99

GENERAL CHARACTERISTICS	
Power	1.5V Battery (LR03) x 4
Display	47mm x 28.5mm
Product net weight	335g
Product size	68mm x 245mm x 40mm
Standard accessories	Batteries, insulation rod, receiver (UT255B), English manual
Standard individual packing	Gift box, tool box
Standard quantity per carton	1pcs
Standard carton measurement	1040mm x 240mm x 140mm
Standard carton gross weight	6.8kg