

UT270 Series

Clamp Earth Ground Testers

UNI-T®



UT278A+

UT270 series can quickly and safely measure the grounding system without disconnecting circuit ground lines or the need of auxiliary electrodes. It can measure resistance from 0.01Ω with a resolution of 0.001Ω. UT275 can also measure leakage current up to 30A. These clamps' double insulation design makes them durable tools for outdoor work and effective in blocking interference from the environment.

Features

- Auto range
- Data hold
- Data recall
- LCD backlight
- Resistance limit alarm
- Low battery indication
- Auto calibration

Specifications	Range	UT275	UT276A+	UT278A+
Certificates (UT276A+/278A+ only)	CE, UKCA			
Earth ground resistance (Ω)	0.01~0.099Ω	±(1%+0.01)	±(1%+0.01)	±(1%+0.01)
	0.1~0.99Ω	±(1%+0.01)	±(1%+0.01)	±(1%+0.01)
	1~49.9Ω	±(1.5%+0.1)	±(1%+0.1)	±(1%+0.1)
	50~99.5Ω	±(2%+0.5)	±(1.5%+0.5)	±(1.5%+0.5)
	100~199Ω	±(3%+1)	±(2%+1)	±(2%+1)
	200~395Ω	±(10%+5)	±(5%+5)	±(5%+5)
	400~590Ω	±(20%+10)	±(10%+10)	±(10%+10)
	600~800Ω			±(20%+20)
Leakage current (A)	600~1000Ω	±(25%+20)		
	800~1200Ω			±(25%+30)
	0mA~9mA			±(2.5%+1mA)
	10mA~99mA			±(2.5%+5mA)
	100mA~299mA			±(2.5%+10mA)
	0mA~299mA	±(2.5%+2mA)		
	0.3A~2.99A	±(2.5%+100mA)		±(2.5%+0.1A)
3A~9.9A			±(2.5%+0.3A)	
10A~20A			±(2.5%+0.5A)	
3A~30A	±(2.5%+300mA)			
Display count		10000	4 digits LCD display	
Jaw opening		28mm	32mm	32mm
Visual and audible alarm			√	√
Auto power off		√	√	√
Jamming signal recognition			√	√
Over-range display			√	√
Data storage		30	300	300
Display type		LCD	EBTN	EBTN
Ω+A display				√
Category ratings	CAT III 300V			

Characteristics

Standard accessories	Batteries, test ring, English manual
Power	1.5V battery (LR6) x 4
Display	47 x 28.5mm
Product size	UT275: 293 x 90 x 66mm; UT276A+/278A+: 285 x 85 x 56mm
Product net weight	UT275: 1.32kg; UT276A+/278A+: 1.18kg
Standard individual packing	Gift box, tool box
Standard quantity per carton	UT275: 5pcs; UT276A+/278A+: 1pcs
Standard carton measurement	UT275: 510 x 375 x 320mm; UT276A+/278A+: 370 x 110 x 300mm
Standard carton gross weight	UT275: 15.2kg; UT276A+/278A+: 2.6kg