

SPECIFICATIONS

	Range	UT273	UT275	UT276A	UT278A
Earth Ground Resistance (Ω)	0.01~0.099 Ω	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$
	0.1~0.99 Ω	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$
	1~49.9 Ω	$\pm(1.5\%+0.1)$	$\pm(1.5\%+0.1)$	$\pm(1\%+0.1)$	$\pm(1\%+0.1)$
	50~99.5 Ω	$\pm(2\%+0.5)$	$\pm(2\%+0.5)$	$\pm(2\%+0.5)$	$\pm(2\%+0.5)$
	100~199 Ω	$\pm(3\%+1)$	$\pm(3\%+1)$	$\pm(3\%+1)$	$\pm(3\%+1)$
	200~395 Ω	$\pm(10\%+5)$	$\pm(10\%+5)$	$\pm(6\%+5)$	$\pm(6\%+5)$
	400~590 Ω	$\pm(20\%+10)$	$\pm(20\%+10)$	$\pm(10\%+10)$	$\pm(10\%+10)$
	600~800 Ω			$\pm(20\%+20)$	$\pm(20\%+20)$
	600~1000 Ω	$\pm(25\%+20)$	$\pm(25\%+20)$		
	800~1200 Ω			$\pm(25\%+30)$	$\pm(25\%+30)$
Leakage current (A)	0mA~9mA				$\pm(2.5\%+1mA)$
	10mA~99mA				$\pm(2.5\%+5mA)$
	100mA~299mA				$\pm(2.5\%+10mA)$
	0mA~299mA		$\pm(2.5\%+2mA)$		
	0.3A~2.99A		$\pm(2.5\%+100mA)$		$\pm(2.5\%+0.1A)$
	3A~9.9A				$\pm(2.5\%+0.3A)$
	10A~20A				$\pm(2.5\%+0.5A)$
	3A~30A		$\pm(2.5\%+300mA)$		$\pm(2.5\%+0.5A)$



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 0.01 Ω with a resolution of 0.001 Ω . 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 signals from the environment.

- Resistance limit alarm
- Auto range
- Low battery indication
- Data hold (UT273/275)
- Data recall (UT273/275)
- LCD backlight (UT273/275)
- Auto calibration (UT273/275)

Features					
Display count		10000	10000	4 digits LCD display	
Jaw opening		28mm	28mm	32mm	32mm
Resistance measurement frequency	> 1kHz			✓	✓
Single measurement time	1 second			✓	✓
Current limit alarm	1mA~499mA			✓	✓
Current measurement frequency	50Hz/60Hz			✓	✓
Auto power off		✓	✓		
RS-232				✓	✓
Visual and audible alarm				✓	✓
Jamming signal recognition				✓	✓
Over-range display				✓	✓
Data storage		30	30	99	99

GENERAL CHARACTERISTICS

Power	1.5V battery (LR6) x 4
LCD size	47mm x 28.5mm
Product color	Red and grey
Product net weight	UT273/UT275: 1320g; UT276A/UT278A: 1160g
Product size	UT273/UT275: 293mm x 90mm x 66mm; UT276A/UT278A: 285mm x 85mm x 56mm
Standard accessories	Batteries, test ring, tool box
Standard individual packing	Gift box, English manual
Standard quantity per carton	UT273/UT275: 5pcs; UT276A/UT278A : 6pcs
Standard carton measurement	UT273/UT275: 510mm x 375mm x 320mm; UT276A/UT278A: 610mm x 375mm x 320mm
Standard carton gross weight	UT273/UT275: 15.2kg; UT276A/UT278A: 18kg
Optional accessories	UT276A/UT278A: RS-232 interface cable, PC software CD