

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		$\pm(2.5\%+300mA)$		$\pm(2.5\%+0.5A)$

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



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)

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