

UT270 SERIES

Clamp Earth Ground Testers

(UT276A+/278A+ only)



UT270 series can quickly and safely measure the grounding system without disconnecting circuit ground lines or the need of auxiliary electrodes. UT278A+ can measure resistance from 0.01Ω to 1200Ω with a resolution of 0.001Ω . UT275 can also measure current up to 30A. These clamps' double insulation design makes them durable tools for outdoor work and effective in blocking interference from the environment.



UT273+

Features	
Earth resistance test	Large black screen (UT273+)
Current test	Strong anti-interference (UT273+)
Large jaw size	Data storage (up to 500 set) (UT273+)
Alarm function	Auto power off
Resistance limit alarm	Battery state indication (UT273+)
Auto calibration	Low battery indication
Ω +A display (UT273+/UT278A+)	

Specifications	Range	UT273+	UT275	UT276A+	UT278A+
Earth ground resistance (Ω)	0.01~0.099 Ω	$\pm(1\%+0.02\Omega)$	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$
	0.1~0.99 Ω	$\pm(1\%+0.05\Omega)$	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$
	1~49.9 Ω	$\pm(1\%+0.5\Omega)$	$\pm(1.5\%+0.1)$	$\pm(1\%+0.1)$	$\pm(1\%+0.1)$
	50~99.5 Ω	$\pm(1.5\%+1\Omega)$	$\pm(2\%+0.5)$	$\pm(1.5\%+0.5)$	$\pm(1.5\%+0.5)$
	100~199 Ω	$\pm(2\%+2\Omega)$	$\pm(3\%+1)$	$\pm(2\%+1)$	$\pm(2\%+1)$
	200~399 Ω	$\pm(5\%+5\Omega)$	$\pm(10\%+5)$	$\pm(5\%+5)$	$\pm(5\%+5)$
	400~590 Ω	$\pm(10\%+10\Omega)$	$\pm(20\%+10)$	$\pm(10\%+10)$	$\pm(10\%+10)$
	590~600 Ω	$\pm(20\%+20\Omega)$			
	600~800 Ω				$\pm(20\%+20)$
	600~1000 Ω		$\pm(25\%+20)$		
Current (A)	800~1200 Ω				$\pm(25\%+30)$
	0mA~9mA				$\pm(2.5\%+1mA)$
	1.00mA~9.99mA	$\pm(2.5\%+1mA)$			
	10mA~99mA				$\pm(2.5\%+5mA)$
	10.0mA~99.9mA	$\pm(2.5\%+5mA)$			
	100mA~299mA				$\pm(2.5\%+10mA)$
	100mA~999mA	$\pm(2.5\%+10mA)$			
	0mA~299mA		$\pm(2.5\%+2mA)$		
	0.3A~2.99A		$\pm(2.5\%+100mA)$		$\pm(2.5\%+0.1A)$
	3A~9.9A				$\pm(2.5\%+0.3A)$
	1.00A~9.99A	$\pm(2.5\%+0.2A)$			
	10A~20A	$\pm(2.5\%+0.5A)$			$\pm(2.5\%+0.5A)$
	3A~30A		$\pm(2.5\%+300mA)$		
Leakage current measurement		✓	✓		✓
Screen		4 digits LCD	4 digits LCD	4 digits LCD	4 digits LCD
Jaw opening		32mm	28mm	32mm	32mm
Visual and audible alarm		✓		✓	✓
Auto power off		✓	✓	✓	✓
Jamming signal recognition				✓	✓
Over-range display		✓		✓	✓
Data storage		500	30	300	300
Display type		46 x 36mm	47 x 28.5mm	47 x 28.5mm	47 x 28.5mm
Overvoltage category	CAT III 300V				

Characteristics	
Standard accessories	UT273+: User manual, AA alkaline 4pcs, calibration loop, USB cable (data transmission), tool box; UT275/UT276A+/278A+: Batteries, test ring, English manual
Product size	UT273+: 285 x 85 x 58mm; UT275: 293 x 90 x 66mm; UT276A+/278A+: 285 x 85 x 56mm
Product net weight	UT273+: 1180g (batteries included); UT275: 1.32kg; UT276A+/278A+: 1.18kg
Standard quantity per carton	UT273+: 1pcs/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