

UT270 SERIES Clamp Earth Ground Testers

UNI-T®

UT273 / UT275



EN 61010-1
EN 61010-2-030
EN 61010-2-032
EN 61326-1



■ UT273



■ UT275

■ SPECIFICATIONS

AUTO RANGE DATA HOLD

Specifications	Range	Best Accuracy	
Model		UT273	UT275
Earth Ground Resistance (Ω)	0.01~0.099 Ω	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$
	0.1~0.99 Ω	$\pm(1\%+0.01)$	$\pm(1\%+0.01)$
	1.0~49.9 Ω	$\pm(1.5\%+0.1)$	$\pm(1.5\%+0.1)$
	50.0~99.5 Ω	$\pm(2\%+0.5)$	$\pm(2\%+0.5)$
	100~199 Ω	$\pm(3\%+1)$	$\pm(3\%+1)$
	200~395 Ω	$\pm(10\%+5)$	$\pm(10\%+5)$
	400~590 Ω	$\pm(20\%+10)$	$\pm(20\%+10)$
Leakage Current(A)	600~1000 Ω	$\pm(25\%+20)$	$\pm(25\%+20)$
	0.00~299mA		$\pm(2.5\%+2mA)$
	0.30~2.99A		$\pm(2.5\%+100mA)$
	3.00~30.0A		$\pm(2.5\%+300mA)$
Features			
Maximum Display		9999	9999
Auto Range		✓	✓
Jaw Capacity		28mm	28mm
Auto Power Off		✓	✓
Low Battery Indication	$\leq 5.2V$	✓	✓
Data Hold		✓	✓
Data Storage		30	30
Data Recall		✓	✓
LCD Backlight		✓	✓
Auto Calibration		✓	✓
Resistance Limit Alarm		✓	✓

■ GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6)×4
LCD Size	47mm × 28.5mm
Product Color	Red and Grey
Product Net Weight	1320 g
Product Size	293mm×90mm×66mm
Standard Accessories	Batteries, Test Ring, Tool Box
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	5 PCs
Standard Carton Measurement	510mm × 375mm × 320mm (0.06CBM Per Standard Carton)
Standard Carton Gross Weight	15.2 Kg

UT270 SERIES Clamp Earth Ground Testers

UNI-T®

UT276A / UT278A



EN 61010-1
EN 61010-2-030
EN 61010-2-032
EN 61926-1



■ UT276A



■ UT278A

SPECIFICATIONS



Specifications	Range	Best Accuracy	
Model		UT276A	UT278A
Earth Ground Resistance (Ω)	0.01~0.099Ω	±(1%+0.01)	±(1%+0.01)
	0.1~0.99Ω	±(1%+0.01)	±(1%+0.01)
	1.0~49.9Ω	±(1%+0.1)	±(1%+0.1)
	50.0~99.5Ω	±(2%+0.5)	±(2%+0.5)
	100~199Ω	±(3%+1)	±(3%+1)
	200~395Ω	±(6%+5)	±(6%+5)
	400~590Ω	±(10%+10)	±(10%+10)
	600~800Ω	±(20%+20)	±(20%+20)
Leakage Current(A)	800~1200Ω	±(25%+30)	±(25%+30)
	0mA~9mA		±(2.5%+1)
	10mA~99mA		±(2.5%+5)
	100mA~299mA		±(2.5%+10)
	0.30A~2.99A		±(2.5%+0.1)
	3.0A~9.9A		±(2.5%+0.3)
	10.0A~20.0A		±(2.5%+0.5)
	3A~30A		±(2.5%+0.5)
Features			
Display Count	4 Digits Display LCD	✓	✓
Auto Range		✓	✓
Jaw Capacity	32mm		32mm
Single Measure Time	1 Second	✓	✓
Resistance Measurement Frequency	>1kHz	✓	✓
Current Measurement Frequency	50Hz/60Hz	✓	✓
Resistance Limit Alarm	1Ω~199Ω	✓	✓
Current Limit Alarm	1mA~499mA	✓	✓
RS-232		✓	✓
Beeper and Light Alarm		✓	✓
Jamming Signal Recognition		✓	✓
Over-Range Display		✓	✓
Low Battery Indication		✓	✓
Data Logging		99	99

GENERAL CHARACTERISTICS

Power	1.5V Batteries(LR6)×4
LCD Size	47mm × 28.5mm
Product Color	Red and Grey
Product Net Weight	1160 g
Product Size	285mm × 85mm × 56mm
Standard Accessories	Batteries, Test Ring, Tool Box
Standard Individual Packing	Gift Box, English Manual
Standard Quantity Per Carton	6 PCs
Standard Carton Measurement	610mm × 375mm × 320mm (0.073CBM Per Standard Carton)
Standard Carton Gross Weight	18 Kg
Optional Accessories	USB Interface Cable, PC Software CD