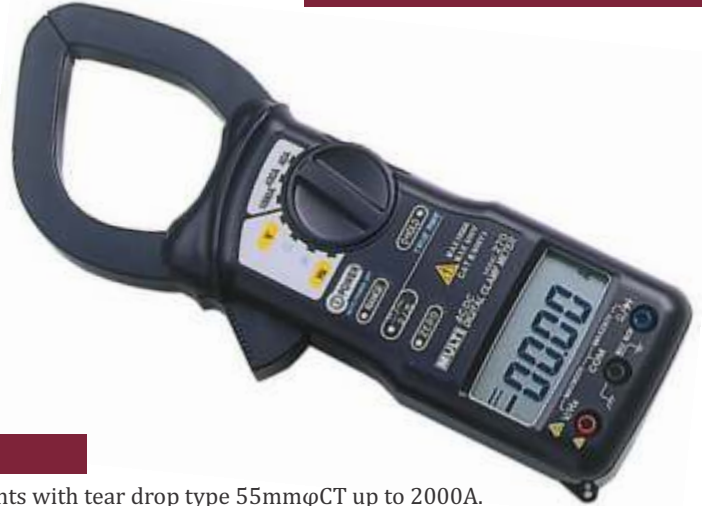


MULTI

DIGITAL CLAMP TESTER

AC/DC Current, 40A/400A/2000A, True rms reading, 55mm ϕ CT (CE)

Model : M-270+



FEATURES

- Wide current measurements with tear drop type 55mm ϕ CT up to 2000A.
- True rms reading for ACA and ACV.
- Data-hold and Auto power off function.
- Additional AC/DC voltage, resistance, diode test, continuity check.
- Auto zero adjustment for DC current offset.
- Conform to IEC safety requirements.

SPECIFICATIONS

Safety standard	: IEC 61010-1, IEC 61010-2-032 ,Installation Category Category III 600V phase to earth.
E.M.C. standard	: EN 61326.
Measuring method	: Dual slope integration mode
AC conversion	: True rms responding
Display	: 3.5 digit LCD, max. reading of 3999
Jaw opening capability	: 55mm ϕ
Over range indication	: Blanking of all digits except MSD 1
Low battery indication	: "Battery" mark on LCD
Data hold indication	: "DH" mark on LCD
Sampling	: 2 times/sec.
Withstanding voltage	: AC 5500V 1 minute max. (Between the core of CT and outer case)
Operating temperature	: 0°C to 40°C, 80%RH max. (Without condensation)
Storage temperature	: -10°C to 60°C, 70%RH max. (Without condensation)
Power supply	: 1.5V (AM-4,LR03 or AAA) $\times$ 2
Power consumption	: 25mW
Auto power off	: Approx.10 minutes later after power on
Battery life	: Approx.90 hours continuous
Size	: 85(W) $\times$ 240(H) $\times$ 34(D)mm
Weight	: Approx. 350g
Accessories	: Hard carrying case...1, Instruction manual...1, Test lead...1set, Batteries....2

Accuracy (23°C±5°C, 80%RH or less)

Crest factor : <3 (0~50% of range) <2 (50~100% of range)

Function	Range	Resolution	Accuracy	Max. input
ACA (50/60Hz) DCA Manual range	40A	0.01A	± 2% rdg ± 8 dgt	AC/DC 2000A
	400A	0.1A	± 1.5% rdg ± 8dgt	
	2000A	1A		
ACV(50/60Hz) DC V Auto/Manual Range	400mV	0.1mV	± 1.2% rdg ± 8dgt (50/60Hz)	AC/DC 600V rms
	4V	0.001V		
	40V	0.01V		
	400V	0.1V		
	600V	1V		
Frequency (Hz) Auto range	100Hz	0.01Hz	± 0.5% rdg ± 3dgt	AC/DC 600V rms
	1000Hz	0.1Hz		
	10kHz	0.001kHz		
	100kHz	0.01kHz		
	1000kHz	0.1kHz		
Resistance(Ω) Auto/Manual range	400Ω	0.1Ω	± 1.5% rdg ± 8dgt	input protection
	4kΩ	0.001kΩ		250V rms
	40kΩ	0.01kΩ		
	400kΩ	0.1kΩ		
	4000kΩ	1kΩ		
	40MΩ	0.01MΩ	± 3% rdg ± 10dgt	
Continuity check	400Ω	0.01Ω	Cctnuity beeper Approx. <40Ω	250V rms
Diode test	3V	0.001V	± 10% rdg ± 3dgt	250V rms