

AC/DC Digital Clamp Tester

AC/DC Current ,40A/400A/2000A ,55mm ϕ CT

Model 260 (CE)



FEATURES

- Wide current measurements with tear drop type 55mm ϕ CT up to 2000A.
- 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	: Average sensing rms reading
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	: 14mW
Auto power off	: Approx.10 minutes later after power on
Battery life	: Approx.100 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 $\pm$ 5°C, 80%RH or less)

Function	Range	Resolution	Accuracy	Max. input
ACA(50/60Hz)	40A	0.01A	$\pm 2\% \text{rdg} \pm 8 \text{dgt}$	AC/DC 2000A
DCA	400A	0.1A	$\pm 1.5\% \text{rdg} \pm 8 \text{dgt}$	
Manual range	2000A	1A		
	400mV	0.1mV	$\pm 1.2\% \text{rdg} \pm 8 \text{dgt}$	AC/DC 600Vrms
ACV(50/60Hz)	4V	0.001V		
DC V	40V	0.01V		
Auto/Manual range	400V	0.1V		
	600V	1V		
Frequency(Hz)	100Hz	0.01Hz	$\pm 0.5\% \text{rdg} \pm 3 \text{dgt}$	AC/DC 600Vrms
	1000Hz	0.1Hz		
Auto range	10kHz	0.001kHz		
	100kHz	0.01kHz		
	1000kHz	0.1kHz		
Resistance(Ω) Auto/Manual range	400 Ω	0.1 Ω	$\pm 1.5\% \text{rdg} \pm 8 \text{dgt}$	Input protection
	4k Ω	0.001k Ω		250 Vrms
	40k Ω	0.01k Ω		
	400k Ω	0.1k Ω		
	4000k Ω	1k Ω		
	40M Ω	0.01M Ω	$\pm 3\% \text{rdg} \pm 10 \text{dgt}$	
Continuity check	400 Ω	0.01 Ω	Continuity beeper	250Vrms
			Approx.<40 Ω	
Diode test	3V	0.001V	$\pm 10\% \text{rdg} \pm 3 \text{dgt}$	250Vrms