

AC/DC Mini Digital Clamp Tester

AC/DC Current AC/DC Voltage Resistance

Model 280 (CE)



Meets safety standard CAT. II 600V or CAT. III 300V

FEATURES

- 30mm ϕ CT window and ultra compact size
- Conform to IEC safety requirements
- Low cost and multi-function clamp tester
- Max. & Min.hold function
- Data-hold function and auto power off
- Auto zero adjustment for DC current offset

SPECIFICATIONS

Safety standard	: IEC61010-1, IEC61010-2-032 Installation Category II 600V or CAT III 300V
E.M.C. standard	: EN 61326
Measuring method	: Dual slope integration mode
Display	: 4 digit LCD max. reading of 9999
Measuring range	: AC Current 1000A DC Current 1000A AC Voltage 500V DC Voltage 500V Resistance 600 Ω

Accuracy (23°C ± 5°C, 80%RH or less)

Range	Input range	Accuracy
AC Current (ACA)	0~600A	± 1.5%rdg ± 8dgt
	600.1~999.9A	± 3%rdg ± 8dgt
DC Current (DCA)	0~ ± 600A	± 1.5%rdg ± 6dgt
	± 600.1~ ± 999.9A	± 3%rdg ± 6dgt
AC Voltage (ACV)	0~500V	± 1.0%rdg ± 8dgt
DC Voltage (DCV)	0~500V	± 1.0%rdg ± 6dgt
Resistance (Ω)	0~600 Ω	± 1.5%rdg ± 8dgt

Jaw opening capability	: 30mm φ
Over range indication	: " OL " mark on LCD.
Auto power off	: Approx.10 minutes later after power on
Polarity	: “—” sign for negative polarity
Low battery indication	: “ B ” mark on LCD
Data hold indication	: “DH” mark on LCD
Max. memory function	: “Max” mark on LCD with max. value
Min. memory function	: “Min” mark on LCD with min. value
DC current zero offset	: By push button switch
Sampling time	: 2 times/sec
Limitation of circuit voltage	: Less than AC/DC 600V
Withstanding voltage	: AC 3700V 1 minute max. (Between the core of CT and outer case)
Operating temperature	: 0°C ~ 40°C < 80%RH (without condensation)
Storage temperature	: -10°C ~ 60°C < 70%RH (without condensation)
Power supply	: LR-44 × 2
Battery life	: Approx.6 hours continuous
Power consumption	: Approx.12mW
Size	: 44.5(W) × 177(H) × 24(D)mm
Weight	: Approx. 95g
Accessories	: Soft case.....1 Batteries, LR-44(1.55V).....2 Instruction manual.....1 Test lead.....1