

AC/DC Mini Digital Clamp Tester

AC/DC Current AC/DC Voltage Resistance
True rms reading

Model 290 RMS (CE)



FEATURES

- 30mm ϕ CT window and ultra compact size
- Conform to IEC safety requirements
- True rms reading for ACA & ACV
- 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
AC conversion	:	True rms responding
Display	:	3.5digit LCD max. reading of 3999
Measuring range	:	AC Current 40A/400A DC Current 40A/400A AC Voltage 60V/600V DC Voltage 60V/600V Resistance 1000 Ω

Accuracy (23°C ± 5°C, 80%RH or less) Crest factor : < 2.5

Range	Resolution	Accuracy
AC 40A	0.01A	± 1.5%rdg ± 5dgt(50/60Hz)
AC 400A	0.1A	± 1.5%rdg ± 8dgt(50/60Hz)
DC 40A	0.01A	± 1.5%rdg ± 3dgt
DC 400A	0.1A	± 1.5%rdg ± 5dgt
AC 60V/600V	0.01V	± 1.0%rdg ± 8dgt
DC 60V/600V	0.01V	± 1.0%rdg ± 6dgt
1000 Ω	0.1 Ω	± 1.5%rdg ± 8dgt

Jaw opening capability	:	30mm φ
Over range indication	:	“OL” mark on LCD.
Polarity	:	“—” sign for negative polarity
Low battery indication	:	“ B” mark on LCD
Data hold indication	:	“DH” mark on LCD
DC current zero offset	:	By push button switch
Sampling time	:	2 times/sec
Auto power off	:	Approx.10 minutes later after power on
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	:	1.5V (AM-4,LR03 or AAA) × 3
Power consumption	:	Approx.9mA
Battery life	:	Approx.90 hours continuous
Size	:	45(W) × 180(H) × 24(D)mm
Weight	:	Approx. 135g
Accessories	:	Soft case.....1 Batteries.....3 Instruction manual.....1 Test lead.....1