

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

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|------------------|--|
| 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 |

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|-------------------------------|---|
| 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 |