

Digital Clamp Tester

AC Current ,20A/200A/600A ,40mm ϕ CT

Model 2010 (CE)



FEATURES

- Data-hold and Auto power off function.
- Conform to IEC safety requirements
- Additional AC/DC voltage, resistance, diode test, continuity check.

SPECIFICATIONS

| | |
|------------------------|---|
| Safety standard | : IEC 61010-1, IEC 61010-2-032 ,Installation Category III600V phase to earth |
| E.M.C. standard | : EN 61326. |
| Measuring method | : Dual slope integration mode |
| Display | : 3.5 digit LCD, max. reading of 1999 |
| Jaw opening capability | : 40mm 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 | : 3.5mW |
| Auto power off | : Approx.10 minutes later after power on |
| Battery life | : Approx.500 hours continuous |
| Size | : 70(W) \times 223(H) \times 34(D)mm |
| Weight | : Approx. 425g |
| 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 | Accuracy | Maximum input |
|--|----------------|-----------------------------|---|
| AC A (50/60Hz) Manual ranging | 20A | \pm 1.2% rdg \pm 10 dgt | AC600A |
| | 200A | \pm 1.2% rdg \pm 10dgt | |
| | 600A | \pm 1.0% rdg \pm 8 dgt | |
| AC V (50/60Hz) DC V Auto ranging | 2V | \pm 0.7% rdg \pm 5 dgt | DC 600V or AC 600V rms |
| | 20V | \pm 1.2% rdg \pm 5 dgt | |
| | 200V | \pm 1.2% rdg \pm 5 dgt | |
| Resistance(Ω) Auto ranging | 200 Ω | \pm 1.2% rdg \pm 5 dgt | Input protection 250V rms (30 second) |
| | 2k Ω | \pm 1.2% rdg \pm 5 dgt | |
| | 20k Ω | \pm 1.2% rdg \pm 5 dgt | |
| | 200k Ω | \pm 1.2% rdg \pm 5 dgt | |
| | 2000k Ω | \pm 1.2% rdg \pm 5 dgt | |
| | 20M Ω | \pm 3.0% rdg \pm 10 dgt | |
| Continuity check | 2k Ω | Beeper <approx.300 Ω | 250V rms |
| Diode test | 2V | \pm 10% rdg \pm 3dgt | 250V rms |