

MULTI DIGITAL CLAMP TESTER

AC Current, 20A/200A/2000A, 55mm ϕ CT (CE)

Model M-2100+



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.
- Conform to IEC safety requirements.

SPECIFICATIONS

| | |
|------------------------|--|
| Safety standard | : IEC 61010-1, IEC 61010-2-032 Installation Category II 600V or Category III 300V. |
| E.M.C. standard | : IEC 61326 |
| Measuring method | : Dual slope integration mode |
| Display | : 3.5 digit LCD, max. reading of 1999 |
| 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 3700V 1 minute max. (Between the core of CT and outer case) |
| Operating temperature | : 0°C to 50°C, Upto 95%RH |
| Storage temperature | : -10°C to 60°C |
| Power supply | : 1.5V (AM-4, LR03 or AAA) \times 2 |
| Power consumption | : 3.5mW |
| Auto power off | : Automatically turned off if the meter has not been used for approx. 10 minutes. |
| Battery life | : Approx. 500 hours continuous |
| Size | : 85(W) \times 240(H) \times 34(D)mm |
| Weight | : Approx. 350g |
| Accessories | : Hard Carrying Case, Instruction Manual, Test Lead, Batteries |

| Function | Range | Accuracy | Max. input |
|--|----------------|------------------------------|---|
| AC A (50/60Hz) Manual ranging | 20A | $\pm 1.2\%$ rdg ± 10 dgt | AC 2000A (within 3 second) |
| | 200A | $\pm 1.2\%$ rdg ± 10 dgt | |
| | 2000A | $\pm 1.2\%$ rdg ± 8 dgt | |
| AC V (50/60Hz) DC V Auto ranging | 2V | $\pm 0.7\%$ rdg ± 5 dgt | DC 750V or AC 750V rms |
| | 20V | $\pm 1.2\%$ rdg ± 5 dgt | |
| | 200V | $\pm 1.2\%$ rdg ± 5 dgt | |
| | 750V | $\pm 1.2\%$ rdg ± 5 dgt | |
| Resistance(Ω) Auto ranging | 200 Ω | $\pm 1.2\%$ rdg ± 5 dgt | Input protection 250V rms (within 10 seconds) |
| | 2K Ω | $\pm 1.2\%$ rdg ± 5 dgt | |
| | 20K Ω | $\pm 1.2\%$ rdg ± 5 dgt | |
| | 200K Ω | $\pm 1.2\%$ rdg ± 5 dgt | |
| | 2000K Ω | $\pm 1.2\%$ rdg ± 5 dgt | |
| | 20M Ω | $\pm 3\%$ rdg ± 10 dgt | |
| Continuity check | 200 Ω | Beeper <Approx. 50 Ω | 250V rms |
| Diode Test | 2V | $\pm 10\%$ rdg ± 3 dgt | 250V rms |



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