

MINI DIGITAL & ANALOG CLAMP TESTER

AC CURRENT AC/DC VOLTAGE RESISTANCE

Model 2020

meets safety Standard CAT.II 600V and CAT.III 300V



FEATURES

- 40mm ϕ CT window and ultra compact size
- Low cost and multi-function clamp tester.
- Data-hold function and auto power off.
- Conform to IEC safety requirements.

Measuring range : AC Current 30A/300A (2 range auto), AC Voltage 3V~500V (4 ranges auto, 50/60Hz), DC Voltage 300mV~500V(5 range auto), Resistance 300 Ω /3000 Ω (2 range auto)

Safety standard : Meets the requirements for double insulation to IEC 61010-1 (2010), IEC 61010-2-032 (2002), installation CategoryII 600V phase to earth, CategoryIII 300V phase to earth.

SPECIFICATIONS

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|-------------------------|---|
| AC Current (ACA) | : 0~300A 2%rdg \pm 8dgt |
| AC Voltage(ACV) | : 0~500V 2.3%rdg \pm 6dgt |
| DC Voltage (DCV) | : 0~500V 1.3%rdg \pm 3dgt |
| Resistance (Ω) | : 0~3000 Ω 2%rdg \pm 5dgt |
| Measuring method | : Dual integration mode |
| Display | : 3.5 digit LCD max. reading of 3200 |
| Accuracy | : 23 $^{\circ}$ C \pm 5 $^{\circ}$ C 80%RH or less |
| Jaw opening capability | : 40mm ϕ |
| Over range indication | : "OL" mark on LCD. |
| Auto power off | : Automatically power off mode approx.10 minutes after the power switch on. |
| Low battery indication | : "B" mark on LCD |
| Data hold indication | : "DH" mark on LCD |
| Sampling time | : 2 times/sec |
| Circuit voltage | : less than AC 500V. |
| Withstanding voltage | : AC 3700V 1 minute max. (Between the core of CT and outer case) |
| Operating temperature | : 0 $^{\circ}$ C to ~ 40 $^{\circ}$ C<80%RH (without condensing) |
| Storage temperature | : -10 $^{\circ}$ C to ~ 60 $^{\circ}$ C<70%RH (without condensing) |
| Power supply | : 1.55V (SR-44 LR-44) \times 2 |
| Power consumption | : 5mW |
| Battery life | : SR-44 (200 hours), LR-44 (100 hours) |
| Size | : 64(W) \times 193(H) \times 24(D)mm |
| Weight | : Approx. 100g |
| Accessories | : Soft case 1 : Instruction manual..... 1 : Batteries,LR-44(1.55V) ..2 : Test Lead 1 |

Model 3000

6A~600A 5 ranges
40mm ϕ CT



FEATURES

- High accuracy analog display with taut band meter.
- Meter hold function.
- AC/DC voltage and resistance measurements.

SPECIFICATIONS

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| E.M.C. standard | : The instrument meets EN 61326 (2006). |
| Current | : AC 6A/15A/50A/150A/600A Accuracy; \pm 3% of F.S. (50/60Hz) |
| Voltage | : AC 0~300V/600V DC 0~60V Accuracy; \pm 3% of F.S. (50/60Hz) |
| Resistance | : 0~1k Ω /100k Ω (50 Ω /5k Ω center) Accuracy; \pm 3% of scale length |
| Temperature | : -50 $^{\circ}$ C to 200 $^{\circ}$ C (Thermister sensor) |
| Withstanding voltage | : AC 5500V, 1 minute (between outer case and core of CT) |
| Operating temperature | : 0 $^{\circ}$ C to 40 $^{\circ}$ C, <80%RH |
| Storage temperature | : -10 $^{\circ}$ C to 60 $^{\circ}$ C, <70%RH |
| Power supply | : 1.5V ("AAA" size, R03) \times 2 |
| Size | : 69(W) \times 210(H) \times 34(D)mm |
| Weight | : Approx. 400g (Including batteries) |
| Accessories | : Carrying case 1 : Instruction manual..... 1 : Batteries 2 : Test Lead 1 set |
| Optional Accessories | MT-3000 Thermister sensor probe |