

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

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

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