

# 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 $\phi$  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 $\Omega$ /3000 $\Omega$  (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 ( $\Omega$ )	: 0~3000 $\Omega$ 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 $\phi$
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 $\phi$  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 $\Omega$ /100k $\Omega$ (50 $\Omega$ /5k $\Omega$ 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