

DIGITAL CLAMP TESTER

AC CURRENT FOR HI-VOLTAGE CIRCUIT

Model HCL-5000D



FEATURES

- Wide Range Measurement of 0.1A~600A.
- Easy Operation - Push & Pull Auto Opening/ closing CT
- Safety Design & Function
- Auto Power off Function & Waterdrop Proof Structure

SPECIFICATIONS

Measuring Function : AC line current
 Measuring Method : Dual integration mode
 Display : 3.5 digit LCD max. reading of 1999 with annunciators
 Measuring Range : 0~20A/600A manual (50Hz or 60Hz)
 Jaw opening Capability : ϕ 35mm
 Accuracy : $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ 80%RH or less

Range	Resolution	Accuracy
20A	0.01A	$\pm 2\% \text{rdg} \pm 8 \text{dgt}$
600A	1A	0~400A : $\pm 2\% \text{rdg} \pm 8 \text{dgt}$ 400A~600A : $\pm 3\% \text{rdg} \pm 8 \text{dgt}$

Data hold Function : "DH" mark on LCD
 Auto Power off : Automatically power off mode, approx. 5minutes after the power switch on.
 Sampling time : 2 times/sec
 Low Battery Indication : [B] mark on LCD.
 Operating Temperature : $0 \sim 40^{\circ}\text{C}$, less than 80%RH without condensing
 Power supply : Battery UM-4 $\times 2$
 Size & Weight : 70(W) \times 356(H) \times 68(D)mm, approx. 400gs.
 Accessories : Batteries, UM-42pcs.
 Carrying Case1pce.
 Instruction manual1pce.

Model HCL-1000D



FEATURES

- Safe AC current measurement by hot stick on circuit having internal voltage from AC 80V to AC 33KV.
- Provides wide range of current measurement from AC 0.01A to 600A.
- Peak Hold Function and with UNIVERSAL adapter for attachment of hot stick.
- Sealed to withstand water and contaminants.
- Provides the smooth and easy clamping for the cable with special made "PUSH TO OPEN" mechanism.

SPECIFICATIONS

Measuring method : Dual integration mode
 Measuring function : AC line current
 Display : 3.5 digit LCD, max. reading of 1999 with annunciators
 Range : 0-20A / 600A (50/60Hz)
 Ranging : 2 manual ranging
 Accuracy : $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, 80RH or less

Range	Resolution	Accuracy
20A	0.01A	$\pm 2.5\% \text{rdg} \pm 8 \text{dgt}$
600A	1A	0~400A $\pm 2.5\% \text{rdg} \pm 8 \text{dgt}$ 400A~600A $\pm 3\% \text{rdg} \pm 8 \text{dgt}$

Jaw opening capability : 35mm ϕ
 Low battery indication : "B" mark on LCD readout
 Over range indication : Blanking of all digits except MSD1 (Except 600A range)
 Sampling : 2 times/sec.
 Peak Hold Function : LED lamp is lighting when push the peak hold switch.
 Insulation resistance : 100M Ω or more by DC 1000V insulation tester (Between operation handle and core of CT)
 Withstanding voltage : AC 40kV, 1 minute (Between operation handle and core of CT)
 Limitation of circuit voltage : AC 80V to 23kV
 Power supply : 1.5V ("AAA" size) $\times 2$
 Constructure : Water resistance rank II (Japanese standard)
 Size : 70(W) \times 290(H) \times 32(D) mm (When retracted)
 Weight : Approx. 350gs including batteries
 Accessories : Carrying case1
 Instruction manual1
 Batteries2