

# 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 :  $\phi$  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-4 .....2pcs.  
 Carrying Case .....1pce.  
 Instruction manual .....1pce.

### 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  $\phi$   
 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  $\Omega$  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 case .....1  
 Instruction manual .....1  
 Batteries .....2