

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°C±5°C 80%RH or less

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

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	: 0~40°C, less than 80%RH without condensing
Power supply	: Battery UM-4×2
Size & Weight	: 70(W)×356(H)×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.

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°C~40°C±5°C, 80RH or less

Range	Resolution	Accuracy
20A	0.01A	$\pm 2\%rdg \pm 8dgt$
600A	1A	0~400A $\pm 2.5\%rdg \pm 8dgt$ 400A~600A $\pm 3\%rdg \pm 8dgt$

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 lightning 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)×2
Constructure	: Water resistance rankII (Japanese standard)
Size	: 70(W)×290(H)×32(D)mm (When retracted)
Weight	: Approx. 350gs including batteries
Accessories	: Carrying case..... 1 Instruction manual..... 1 Batteries 2