

High Insulation Digital Clamp Tester

AC Current measurements for high voltage circuit

Model HCL-1000D



FEATURES

- Safe AC current measurements by optional hot stick for high voltage circuit
- Wide AC current measurements for 0.1A~600A.
- Easy operation, **Push to Open and Pull to Disconnect** Mechanism.
- Easy screw connection for optional hot stick.
- Sealed for splash proof and contaminants.

SPECIFICATIONS

Measuring function	: AC load current
Measuring method	: Dual slope integration mode
AC conversion	: Average sensing rms reading
Display	: 3.5 digit LCD max. reading of 1999 with annunciators
Measuring range	: AC 0~20A/600A (50Hz/60Hz), 2 ranges manual
Structure	: Splash proof
Jaw opening capability	: ϕ 35mm
Accuracy (23°C \pm 5°C 80%RH or less)	

Range	Resolution	Accuracy(50/60Hz)
AC 20A	0.01A	$\pm 2\%rdg \pm 8dgt$
AC 600A	1A	0~400A : $\pm 2\%rdg \pm 8dgt$ 400A~600A : $\pm 3\%rdg \pm 8dgt$

Peak hold function	: LED lamp
Sampling time	: 2 times/sec
Low battery indication	: [B] mark on LCD
Insulation resistance	: 100M Ω or more by DC 1000V insulation tester (Between hot stick connector and core of CT)
Withstanding voltage	: AC 15kV, 1 minute (Between hot stick connector and core of CT)
Limitation of circuit Voltage	: AC 80Vrms to 7000Vrms
Operating temperature	: 0~40°C, less than 80%RH w/o condensation
Power supply	: AAA size battery \times 2
Size & weight	: 70(W) \times 290(H) \times 32(D)mm, approx. 350gs.
Accessories	: Batteries.....2 Carrying Cass.....1 Instruction manual.....1
Option	: Hot stick