DIGITAL CLAMP TESTER

AC CURRENT FOR HI-VOLTAGE CIRCUIT WITH HOT STICK

Model HCL-1000DM

FEATURES

● Safe AC current measurement by hot stick on circuit having internal voltage from AC 80V to AC 46KV.

● 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.

SPECIFICATION

Measuring method:	: Dual slope integration mode
Measuring function	: AC load current
Display	: Display 3.5 digit LCD max. reading of 1999 with annunciators
Range	: AC 0〜20A/600A (50Hz/60Hz)
Ranging	: 2 ranges manual
Accuracy	: (23℃〜40℃±5℃ 90%RH or less)

Range	Resolution	Accuracy
20A	0.01A	±2%rdg±8dgt
600A	1A	0-400A ±2% rdg ± 8 dgt 400-600A ±3% rdg ± 8 dgt

Jaw opening capability	: 35mmφ
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	: 100MΩ or more by DC 1000V insulation tester (Between operation handle and core of CT)
Withstanding voltage	: AC 100kV, 5 minutes (Between hot stick connector and core of CT)
Limitation of circuit voltage	: AC 80Vrms to 46KVrms
Power supply	: 1.5V ("AAA" size) ×2
Constructure	: Water resistance rank Ⅱ (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
Option	: Hot stick (2m, 5m, 10m, 12m)