

FLEXIBLE LEAKAGE/LINE CURRENT TESTER

AC/DC CURRENT

Model **FCM-100**

FOR LEAKAGE CURRENT



FEATURES

- Freely Bending with Flexible Clamp Sensor
- Useful for Difficult Access Locations with Wide Ranges up to AC/DC 2500A With Minimum Resolution of 1mA
- Large Inside Diameter CT with 200mm

SPECIFICATIONS

1) CURRENT DETECTION PART (CT SENSOR)

Sensing Method : Flexible Split-Core Type
Inside Diameter : $\phi 200\text{mm}$ (total length approx. 700mm, approx. 270g)
Withstanding Voltage : AC 2200V/1 minute
Length of Lead Wire : Approx. 2m between CT and Measuring Part

2) MEASURING PART

Measuring Function : AC/DC Line Current
Measuring Method : Dual Integration Mode
Measuring Range : AC/DC 3A/30A/300A/2500A (AC50/60 Hz & DC)
Range Selection : 3 Range Manual by Rotary Switch
Sampling Rate : 2 Times/sec.
Display : LCD max. 3200 reading with annunciators
Over Range Indication : "OL" mark on LCD
Data Hold Indication : "DH" mark on LCD
Low Battery Indication : "B" mark on LCD
Data Hold Function : by "DH" Switch
Zero Adjustment : for DC current range, by "0 SET" switch
Auto Power Off : Approx. 10 minutes after power on

3) GENERAL SPECIFICATION

Circuit Voltage : Less than AC 600V
Operating Temperature : 0-40°C, < 85%RH without condensation
Storage Temperature : -10~60°C, < 70%RH without condensation
Withstanding Voltage : AC 2200V/1 minute
Power Supply : 1.5V (AA size, UM-3) $\times 6$
Dimension (Measuring Part) : 159(W) \times 105(H) \times 53(D) mm
Standard accessories : Battery (UM-3 $\times 6$), Instruction Manual, Carrying Case

4) ACCURACY(23°C \pm 5°C, less than 80%RH)

AC/DC Range	Resolution	Accuracy	
3A	0.001A	$\pm 3\%$ rdg ± 10 dgt	
30A	0.01A		
300A	0.1A		
2500A	1A	300A~2000A	$\pm 3\%$ rdg ± 10 dgt
		2001A~2500A	$\pm 10\%$ rdg ± 10 dgt