

# FLEXIBLE LEAKAGE/LINE CURRENT TESTER

AC/DC CURRENT

Model **FCM-100**

FOR LEAKAGE CURRENT



## 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 $\pm 10$ dgt	
30A	0.01A		
300A	0.1A		
2500A	1A	300A~2000A	$\pm 3\%$ rdg $\pm 10$ dgt
		2001A~2500A	$\pm 10\%$ rdg $\pm 10$ dgt

## 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