MULTI
Let's Create
New Concepts of
Instruments

DATA SHEET

FCM-400 Flexible AC/DC Current Tester

+For diagnosing equipment deterioration on the steel towers and measuring anti-corrosion current on the gas pipes with bigger ϕ450mm CT.

Specification

Measurement	AC/DC small and load current
Range	AC/DC 3A/30A/300A
Range switchover	3 range manual by rotary switch
Frequency range	50~60Hz for AC
Resolution	Range: 0.1-3A | 30A | 300A Resolution: 0.001A | 0.01A | 0.1A
Accuracy	±10%rdg±10dgt
A/D conversion	Dual slope integration mode
AC converting	RMS value detection
Sample rate	2 time/1s
Insulation resistance	More than 50MΩ by DC500V insulation tester
Withstanding voltage	AC2200V/1min
Operating circuit voltage	Less than AC/DC 500V
Operating temperature	0～40°C, RH 80%(w/o condensation)
CT type	450mm with split type CT with array of hole element sensors
Power supply	LR6(AA)*6ea
Motion	Data hold function:Freeze the displayed value by D.H switch Zero(offset) adjustment:By zero(0) SET switch (DC current only) Auto power off:Approx. 10 minutes after power on
Low battery indication	"B" mark on LCD
Weight	Instrument body:Around 380g(w/o battery), CT:Around 600g
Size	Instrument body:159*105*53mm, CT:ϕ450mm

Application Examples



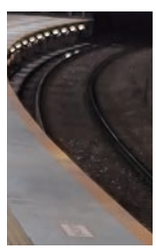
Instrument body



CT



Gas Pipes



Railroad Tracks