



DIGITAL CLAMP METER



(Measurement of AC Current upto 1000Amperes without interrupting the circuits)

MODEL : DCM 2250 / DCM 2250 T / DCM 2250 F

- ★ Accurate ★ Reliable ★ Safe ★ Easy to use ★ Attractive Look
- ★ Large LCD for Easy Reading ★ Back Light Display
- ★ 3½ Digits, Liquid Crystal display ★ Data Hold Facility



DCM 2250

AC Current : 20/200/1000A
 AC Voltage : 750V
 DC Voltage : 1000V
 Resistance : 200/2000Ω
 Diode & Audible continuity
 Test Facility



DCM 2250 T

AC Current : 20/200/1000A
 AC Voltage : 750V
 DC Voltage : 1000V
 Resistance : 200/2000Ω
 Temperature : 0° ~750°C
 Audible continuity Test Facility



DCM 2250 F

AC Current : 20/200/1000A
 AC Voltage : 750V
 DC Voltage : 1000V
 Resistance : 200/2000Ω
 Frequency : 2kHz
 Audible continuity Test Facility

INSTRUMENTS FOR ACCURACY & RELIABILITY



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AC Current

Range	Resolution	Accuracy
20 A	0.01A	± 2.5% of rdg ± 5 digits
200 A	0.1A	< 20A ± 3.0% of rdg ± 5 digits 20- 200A ± 2.5% of rdg ± 5 digits
1000 A	1A	< 20A ± 4.0% of rdg ± 5 digits 20- 600A ± 3.0% of rdg ± 5 digits > 600A ± 4.0% of rdg ± 5 digits

Overload Protection : 1200A for 60 seconds maximum.
Frequency range : 50Hz to 60Hz

DC Voltage

Range	Resolution	Accuracy
1000V	1V	± 1.5% of rdg ± 2 digits

Input Impedance : 10MΩ

Frequency for 2250F only

Range	Resolution	Accuracy
2kHz	1Hz	± 1.0% of rdg ± 2 digits

Frequency measuring range : 50Hz to 1kHz.
Input voltage range : 100V to 750V.

AC Voltage

Range	Resolution	Accuracy
750V	1V	± 1.5% of rdg ± 5 digits

Input Impedance : 10MΩ
Frequency range : 40Hz to 400Hz.
Response : Average responding, calibrated in rms of a sine wave.

Resistance

Range	Resolution	Accuracy
200 Ω	0.1 Ω	± 1.5% of rdg ± 3 digits
2000 Ω	1 Ω	± 1.0% of rdg ± 3 digits

Continuity

Range	Description
•)))	If continuity exists (about less than 30Ω), built-in buzzer will sound.

Temperature for 2250T only

Range	Resolution	Accuracy
400°C~750°C	1°C	± 1.0% of rdg ± 5 digits
0°C~400°C	1°C	± 1.0% of rdg ± 3 digits
- 40°C~0°C	1°C	± 1.0% of rdg ± 6 digits

GENERAL SPECIFICATIONS

Display	: LCD 1999 counts. Updates 2-3 / Sec.
Polarity Indication	: "—" display for negative polarity.
Overrange indication	: Only figure "1" on the display.
Jaw Opening capability	: 42mm (Max conductor size)
Power	: Battery 9V . NEDA 1604 6F22 006P
Low battery indication	: "E+" appears on the display
Operating Environment	: 0°C to 40°C
Storage temperature	: -10°C to 50°C
Size	: 250mm X 99mm X 43mm
Weight	: Approx. 460g.

Accessories :

- Operator's Instruction Manual
- Set of test leads
- "K" type thermocouple (For 2250T only)
- Plastic Carrying Case
- 9 volt battery. NEDA 1604 6F22 006P type.

"CIE" in a continuing efforts to offer excellent products at a fair value, reserves the right to change models, specifications and designs without notice

Note : Inspection if any at our works will be carried out as per facility available only with us

CAMBRIDGE INSTRUMENTS & ENGG. CO.