

Capacitance and Capacitance/Inductance Meter

CM109 Capacitance Meter

- Measures capacitance to 20mF
- Zero adjust
- Fused input
- Large LCD display
- Rugged case design
- Inputs for clip leads and lead insertion



CM109

CM110 Capacitance Meter

- Zero adjust for compensating stray capacitance
- Large easy to read 3-1/2 digits, 2000 count LCD
- 0.5% measurement accuracy
- Fused input
- 9 measurement ranges
- Three measurement frequencies
- Includes holster



CM110

CL200 3-1/2 Digit 2000 Count L/C Meter

- Six capacitance ranges and four inductance ranges
- High accuracy measurement
- Automatic zeroing
- Low battery indicator
- Fuse protected input
- Includes holster



CL200

SPECIFICATIONS

[CM109]

Capacitance

Range: 200pF, 2nF, 20nF, 200nF, 2μF, 20μF, 200μF, 2000μF, 20mF

Best Resolution: 0.1pF

Accuracy:

±0.5% Rdg + 1D: 200pF to 200μF Ranges

±1% Rdg + 1D: 2000μF Range

±2% Rdg + 1D: 20mF Range

Test Frequencies:

200pF to 2μF Ranges: 200Hz

20μF Range: 80Hz

200μF to 20mF Ranges: 8Hz

Zero Adjustment Range: ±20pF

Overload Protection: 0.25A/250V fuse

General Specifications

Power: 9V battery

Operating Temperature: 0 to 40°C with a relative humidity of less than 70%

Size: 5.3" H x 2.8" W x 1.3" D

Weight: 7.5 oz.

Supplied Accessories: Manual, Test leads, Battery, Spare fuses

[CM110]

Measurement Condition: Specifications are measured within a temperature range of 18°C to 28°C (64°F to 82°F)

Capacitance

Ranges: 200pF, 2nF, 20nF, 200nF, 2μF, 20μF, 200μF, 2000μF, 20000μF

Best Resolution: 0.1pF

Accuracy:

±0.5% + 1D: 200pF to 200μ ranges

±1% + 1D: 2000μF range

±2% + 1D: 20mF range

Test Frequencies:

200pF to 2μF ranges: 800Hz

20μF range: 80Hz

200μF to 20,000μF ranges: 8Hz

Zero Adjustment Range: ±20pF

Overload Protection: 0.25A/250V fuse

General Specifications

Power: 9V Battery

Calibration Interval: 1 year

Operating Temperature: 0 to 40°C with a relative humidity of less than 70%

Size: 5.3" H x 2.8" W x 1.3" D

Weight: 7.5 oz

Supplied Accessories: Manual, Test leads, Holster, Battery

[CL200]

Measurement Condition: Specifications are measured within a temperature Range of 18 to 28°C (64 to 82°F)

Capacitance

Ranges: 2nF, 20nF, 200nF, 2μF, 20μF, 200μF

Best Resolution: 1pF

Accuracy:

±1% + 1D: 2nF to 200nF ranges

±2% + 1D: 2μ to 200μF ranges

Test Frequencies:

2nF to 2μF ranges: 900Hz

20 μF and 200μF ranges: 80Hz

Inductance

Ranges: 2mH, 20mH, 200mH, 2H

Best Resolution: 1μH

Accuracy:

± 2% +1D, 2mH to 200mH range

± 5% +1D, 2H range

Test Frequency: 900Hz

General Specifications

Power: 9V NEDA Battery

Calibration Interval: 1 year

Operating Temperature: 0 to 40°C with a relative humidity of less than 70%

Size: 7.4" H x 3.7" W x 1.3" D

Supplied Accessories: Manual, Test leads, Holster, Battery

Mouser Electronics

Authorized Distributor

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