# 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

## SPECIFICATIONS

#### [ CM109 ] Capacitance

Range: 200pF, 2nF, 20nF, 20nF 2µF, 20µF, 200µF, 200µF, 2000µF, 20mF Best Resolution: 0.1pF Accuracy:

±0.5% Rdg + 1D: 200pF to 200µF Ranges ±1% Rdg + 1D: 2000µF Range ±2% Rdg + 1D: 200nF 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 × 2.8" W × 1.3" D Weight: 7.5 oz. Supplied Accessories: Manual, Test leads, Battery, Spare fuses

## **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

temperature range of 18°C to 28°C (64°F to 82°F)

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

Measurement Condition: Specifications are measured within a

[ CM110 ]

Capacitance

Accuracy:

2000µF, 20000µF

Best Resolution: 0.1pF

±1% + 1D: 2000F range

±2% + 1D: 20mF range

General Specifications

Calibration Interval: 1 year

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

Power: 9V Battery

less than 70%

Weight: 7.5 oz

200pF to 2µF ranges: 800Hz

200µF to 20,000µF ranges: 8Hz

Zero Adjustment Range: ±20pF

Overload Protection: 0.25A/250V fuse

Operating Temperature: 0 to 40°C with a relative humidity of

Supplied Accessories: Manual, Test leads, Holster, Battery

**Test Frequencies:** 

20µF range: 80Hz

±0.5% + 1D: 200pF to 200µ ranges

## 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 ]

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

#### Capacitance

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

 Best Resolution:
 1pF

 Accuracy:
 ±1% + 1D:
 2nF to 200nF ranges

 ±2% + 1D:
 2µ to 200µF ranges

 Test Frequencies:
 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