

Z530
CM110
CL200

Handheld Digital LCR Meter w/ RS232 interface

Handheld Digital Capacitance Meter

Handheld Digital L/C Meter



Z530

- 3 5/6 digits, 6,000 count LCD display
- Optically isolated RS232 interface with software
- Auto and manual ranging
- Wide measurement ranges
- Min/Max measurements and Auto power off
- Rubber over molded case for rugged environments



CM110

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



CL200

- Six capacitance ranges and four inductance ranges
- High accuracy measurement
- Automatic zeroing
- Low battery indicator
- Fuse protected input
- Large easy to read 3-1/2 digits, 2000 count LCD

SPECIFICATIONS

Z530

- **Resistance**
Ranges: 600Ω, 6KΩ, 60KΩ, 600KΩ, 6MΩ, 60MΩ
Best Resolution: 0.1Ω
Accuracy: $\pm (1\% + 2d)$: 600Ω to 6M Ω ranges
- **Capacitance**
Ranges: 6nF, 60nF, 600nF, 6μF, 60μF, 600μF, 6mF
Best Resolution: 1pF
Accuracy: $\pm (2\% + 5d)$: 6nF Range
 $\pm (1.0\% + 5d)$: 60nF to 6μF ranges
 $\pm (1.5\% + 5d)$: 60 μF and 6mF ranges
- **Inductance**
Ranges: 600μH, 6mH, 60mH, 600mH, 6H, 60H
Best Resolution: 0.1μH
Accuracy:
 $\pm (2.5\% + 10d)$: 600μH range
 $\pm (1.5\% + 8d)$: 6mH to 600mH ranges
 $\pm (1.5\% + 10d) \leq 4H$, $\pm (5.0\% + 10d) > 4H$: 6H range
 $\pm (3.5\% + 20d) \leq 40H$, unspecified $> 40H$: 60H range
Measurement Modes:
Series on the 600μH to 600mH ranges
Parallel on the 6H and 60H ranges
Test Frequencies:
1KHz series mode and 100Hz parallel mode
- **General Specifications**
Power: (6) 1.5V AAA batteries
Size: 8.0"(L) x 4.0"(W) x 1.6"(D)
Weight: 1.2 lbs
Accessories: Test leads, Operating manual,
(6) 1.5V AAA batteries, Carrying case, Optically
isolated RS232 Cable and Software

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:
 $\pm (0.5\% + 1d)$: 200pF to 200μ ranges
 $\pm (1\% + 1d)$: 2000F range
 $\pm (2\% + 1d)$: 20mF range
Test Frequencies:
200pF to 2μF ranges: 800Hz
20μF range: 80Hz
200μF to 20,000μF ranges: 8Hz
Zero Adjustment Range: $\pm 20pF$
- **General Specifications**
Power: 9V Battery
Calibration Interval: 1 year
Size: 7.4"(H) x 3.7"(W) x 1.3"(D)
Weight: 0.5 lb
Accessories:
Operating manual, Test leads, Holster

CL200

- **Measurement Condition:**
Specifications are measured within
a temperature range of 18°C to 28°C
(64°F to 82°F)
- **Capacitance**
Ranges: 2nF, 20nF, 200nF, 2μF,
20μF, 200μF
Best Resolution: 1pF
Accuracy:
 $\pm (1\% + 1d)$: 2nF to 200nF ranges
 $\pm (2\% + 1d)$: 2μ to 200μF range
Test Frequencies:
2nF to 2μF ranges: 900Hz
20μF and 200μF range: 80Hz
- **Inductance**
Ranges: 2mH, 20mH, 200mH, 2H
Best Resolution: 1μH
Accuracy:
 $\pm (2\% + 1d)$: 2mH to 200mH range
 $\pm (5\% + 1d)$: 2H ranges
- **General Specifications**
Power: 9V NEDA Battery
Calibration Interval: 1 year
Size: 7.4"(H) x 3.7"(W) x 1.3"(D)
Weight: 0.5 lb
Accessories:
Operating manual, Test leads, Holster

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