

Digital Capacitance Meter

CX-920A

- A “Must” For Trouble Shooting and Circuit Design
- Measures To 20mF (20,000µF)
- Portable, Battery Operated
- 0.1pF to 20mF (20,000µF), 9 Ranges
- 0.5% Basic Accuracy
- 3 1/2 Digit LCD, 0.55” H
- Zero Adjustment
- Input Protected
- Low Battery Indicator
- Overrange Indicator
- Rotary Range Switch
- Rugged Construction
- Tilt Stand
- 1-Year Limited Warranty

Battery, Test Leads (ML-920A), Spare Fuse and Operating Instructions Included



SPECIFICATIONS:

General

Display: 3 1/2 Digit LCD, 0.55” high

Overrange Indication: A “1” is displayed with the 3 least significant digits blanked

Operating Environment: 0°C to 50°C, <70% relative humidity

Storage Environment: -20°C to 60°C, <80% relative humidity with battery removed

Temperature Coefficient: 0.1 x specified accuracy per °C, which is only applicable for the temperature range of <18°C or >28°C

Power: 9V alkaline or carbon zinc battery (NEDA 1604)

Battery Life: 150 hours typical with carbon zinc cells

Low Battery Indicator: Symbol is displayed

Dimensions, Weight: 2.8” wide x 6” long x 1.5” thick (70mm x 151mm x 38mm), net weight 7oz. (200g)

Capacitance

Range	Resolution	Accuracy
200pF	0.1pF	±0.5% of rdg ±1D ±0.5pF
2000pF	1pF	±0.5% of rdg ±1D
20nF (.02µF)	10pF	±0.5% of rdg ±1D
200nF (.2µF)	100pF	±0.5% of rdg ±1D
2µF	1nF	±0.5% of rdg ±1D
20µF	10nF	±0.5% of rdg ±1D
200µF	0.1µF	±0.5% of rdg ±1D
2000µF	1µF	±2% of rdg ±1D
20mF (20,000µF)	10µF	±4% of rdg ±1D

Accuracy is based on an operating temperature of 23°C (73°F) at relative humidity up to 75%

Test Voltage

3.5V peak max., “+” input terminal voltage is always higher than “-” input terminal

Overload Protection

100mA/250V, fast blow fuse

Zero Capacitance Adjustment Range

Approx. ±20pF