Meterman®

Model CR50
Component Tester



- Sort, match, QC inspect and verify components, check circuits with this full range capacitance and resistance meter
- Dual zero adjustments pots to null strays and test leads
- Special "Low Ohms" range
- Oversized, read at-a-glance display
- Premium test leads with alligator clips

CR50 Specifications *(at 23 °C ± 5 °C, <75 % R.H. non-condensing)*

Resistance	
Ranges	20 Ω, 200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ, 20 MΩ
Accuracy	20 Ω range: ± 2 % rdg (Zero Adjust) 200 Ω range: ± (1.0 % rdg + 3 dgts) 2 kΩ -2 MΩ ranges: ± (1.2 %rdg + 2 dgts) 20 MΩ range: ± (3.0 %rdg + 1 dgt)
Resolution	0.01 Ω in 20 Ω Range
Open Circuit Voltage	20 Ω and 200 Ω range: 3.0 VDC
All Other Ranges	0.3 VDC
Capacitance	
Ranges	200 pF, 2000 pF, 2 µF, 20 µF, 200 µF, 2 mF, 20 mF
Accuracy	200 pF: ± (0.5 %rdg + 1 dgt + 0.5 pF) 2000 pF to 200 µF: ± (0.5 %rdg + 1 dgt) 2 mF: ± (l.0 %rdg + 1 dgt) 20 mF: ± (l.5 %rdg + 1 dgt)
Test Frequency	200 pF to 2 µF: 820 Hz 20 µF: 82 Hz 200 µF to 20 mF: 8.2 Hz
Test Voltage	< 3.5 V
Continuity	
Continuity Threshold	Tone < 75 Ω
Diode Test	
Test Current	1 mA (approx.)
Test Voltage	3.2 VDC
Display	Forward junction voltage
Overload Protection	
Resistance	500 VDC or AC RMS
Capacitance	0.1 A/250 V fast acting fuse
Continuity	500 VDC or AC RMS

WARRANTY NO HASSLE PROGRAM

General Specifications

Display Update Rate: 2/sec, nominal; **Power:** Standard 9 V transistor battery; **Battery Life:** Alkaline 200 hours; **Operating Temperature:** 0 °C to + 50 °C (32 °F to 122 °F), < 70 % R.H.; **Storage Temperature:** -20 °C to + 60 °C (-4 °F to 140 °F), < 80 % R.H. battery removed; **Dimensions (W x L x H):** 15.1 cm x 7.0 cm x 3.8 cm (6.1″ x 2.8″ x 1.3″); **Weight (incl. batteries):** 200 g (8 oz.); **Included Accessories:** Test leads, alligator clips, batteries and manual

Features

"Zero Adjust" Pots for low Ohms and Capacitance Ranges; Low Battery Indication; Warranty: One-year

Optional Accessories

H10Y Protective Holster; **VC30** Vinyl Case; **DL243C** Basic Test Lead Kit; **DL248C** Deluxe Test Lead Kit; **TL35A** Test Lead Set with Alligator Clips

For additional accessories, see the Accessories Compatibility Guide at www.metermantesttools.com

CE N10140

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Meterman.
The right tool for the job.™

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