



CR50A 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
- "Zero Adjust" Pots for low Ohms and Capacitance Ranges
- Low Battery Indication

No hassle warranty

No waiting.

*No shipping
charges.*



Our commitment to high-quality products and customer service is demonstrated by our industry exclusive "No Hassle" warranty. In the unlikely event that an Amprobe Test Tool requires warranty service, any of our local dealers are authorized to replace it, on the spot.

(note: \$500 MSLP limit)

Included Accessories

Test leads, alligator clips, batteries and users manual

Optional Accessories

VC30A	Vinyl Case
DL243D	Basic Test Lead Kit
DL248D	Deluxe Test Lead Kit;
TL36A	Test Lead Set with Alligator Clips



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Data Sheet

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.)
Warranty	One year

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

Function	Range	Accuracy
Resistance		
	20 Ω, 200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ, 20 MΩ	
	20 Ω	± 2 % rdg (Zero Adjust)
	200 Ω	± (1.0 % rdg + 3 dgts)
	2 kΩ -2 MΩ	± (1.2 %rdg + 2 dgts)
	20 MΩ	± (3.0 %rdg + 1 dgt)
Resolution	0.01 Ω in 20 Ω	
Open Circuit Voltage	20 Ω and 200 Ω	3.0 VDC
All Other Ranges	0.3 VDC	
Capacitance		
	200 pF, 2000 pF, 2 μF, 20 μF, 200 μF, 2 mF, 20 mF	
	200 pF	± (0.5 %rdg + 1 dgt+0.5 pF)
	2000 pF to 200 μF	± (0.5 %rdg + 1 dgt)
	2 mF	± (1.0 %rdg + 1 dgt)
	20 mF	± (1.5 %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	

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