



## 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



## CR50A Component Tester

## 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
<b>Resistance</b>		
	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	
<b>Capacitance</b>		
	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	
<b>Continuity</b>		
Continuity Threshold	Tone <75 Ω	
<b>Diode Test</b>		
Test Current	1 mA (approx.)	
Test Voltage	3.2 VDC	
Display	Forward junction voltage	
<b>Overload Protection</b>		
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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