



## DM78C Digital Multi-Tester

- Smallest, go anywhere meter
- 5 functions/16 ranges
- Auto-off saves batteries
- Data Hold
- Protective case included
- 3200-count display with analog bargraph

### 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

Pocket carrying case, test leads, battery, and users manual.



## DM78C Digital Multi-Tester

### General Specifications

|                             |  |
|-----------------------------|--|
| Display:                    | 3¾ digits LCD, max reading 3400  |
| Range selection:            | Autoranging and manual range lock  |
| Overrange indication:       | OL   |
| Polarity indication:        | - is displayed; + is implied   |
| Battery warning:            |  displayed when <1.25 V ±0.1 V                            |
| Sampling rate:              | 2/sec display. 20/sec bargraph   |
| Environment:                | Indoor operation, 2000 m (6561 ft) max   |
| Temperature/Humidity:       | Operation: 0 °C to 40 °C (32 °F to 104 °F), <70 % RH non-condensing<br>Storage: -20 °C to 60 °C (-4 °F to 140 °F), <80 % RH non-condensing |
| Battery type:               | Two 1.5 V (L1154F or LR-44)  |
| Battery life:               | 70 hours continuous operation  |
| Continuity test:            | Beeper alert   |
| Auto-OFF:                   | After 10 minutes of non-use  |
| Dimensions (H x W x D):     | 130 x 77 x 18 mm (5.1" x 3.1" x 0.6")  |
| Weight (including battery): | 110 g (3.9 oz) including case  |

### Specifications 23 °C ±5 °C, 80 % RH Max; Maximum input, all functions/ranges: 600 VDC or AC rms

| Function                     | Range  | Accuracy                                    |
|------------------------------|--|---|
| <b>DC Voltage</b>            |  |   |
| 340 mV, 3.4, 34, 340, 600 V  | 3.4 V range<br>All other ranges  | ±1.0 % rdg + 2 dgts<br>±2.0 % rdg. + 2 dgts |
| Resolution                   | 100 µV in 340 mV range   |   |
| Input Impedance              | 340 mV range: > 100 MΩ<br>3.4 V range: 10 MΩ<br>All other ranges: 9.1 MΩ |   |
| <b>AC Voltage (50~60 Hz)</b> |  |   |
|                              | 3.4, 34, 340, 600 V  | ±4.0 % rdg. + 5 dgts                        |
| Resolution                   | 1 mV in 3.4 V range  |   |
| Input Impedance              | 3.4 V range: 10 MΩ<br>All other ranges: 9.1 MΩ                           |   |
| <b>Resistance</b>            |  |   |
| Ranges                       | 340 Ω, 3.4, 34, 340 kΩ, 3.4, 34 MΩ                                       |   |
| Resolution                   | 100 mΩ in 340 Ω range  |   |
|                              | 340 Ω, 3.4, 34, 340 kΩ ranges:   | ± 2.0 % rdg + 4 dgts                        |
|                              | 3.4 MΩ range:  | ± 3.0 % rdg + 4 dgts                        |
|                              | 34 MΩ range:   | ± 5.0 % rdg + 5 dgts                        |
| Test Voltage                 | -0.45 Vdc typical (-1.2 Vdc on 340 Ω rng)                                |   |
| <b>Diode Test</b>            |  |   |
| Range                        | 3.4 V  | ± 3.0% rdg + 3 dgts                         |
| Test Current                 | 0.6 mA (Vf = 0.6 V)  |   |
| <b>Continuity Check</b>      |  |   |
| Range                        | 340 Ω  |   |
| Indication                   | at approx R <35 Ω  |   |
| Test Current                 | 0.7 mA   |   |