

3½ DIGIT 1999 COUNTS DIGITAL CAPACITANCE METER

1 FUNCTION 10 RANGES

Model 333



SPECIAL FEATURES :

- High Measurement Range Capacitance Meter
- Zero adjustment by knob on the front.
- CE Approved

GENERAL SPECIFICATIONS :

- * Basic Accuracy : $\pm(0.5\%rdg + 1dgt)$
- * Display : 3½ digit Max. 1999 Counts liquid crystal LCD display
- * Display Size : 14 mm
- * Polarity : Automatic, positive implied, (-) negative polarity indication
- * Measurement Rate : 2.5 times per second nominal
- * Low battery : The "BAT" sign is displayed when the battery voltage drops below the operating level.
- * Over range Indication : "1" is displayed on MSD
- * Zero : Automatic
- * Operating Temperature : 0°C to 50°C; < 70%R.H.
- * Storage Temperature : -20°C to 60°C; 0 to < 80%R.H. (With Battery Removed)
- * Power : Single, Standard 9V battery.
- * Dimension : 151(H) x 70(W) x 38(D)mm
- * Weight : Approx. 200g (including battery)

ACCESSORIES :

Test Leads pair, Carrying Case, User's Manual & Battery.

ELECTRICAL SPECIFICATIONS- 333

Accuracy : \pm (% reading + digit)

CAPACITANCE

| Range | Resolution | Accuracy |
|--------------|-------------|-----------------------------------|
| 200 pF | 0.1 pF | $\pm (0.5\%rdg + 1dgt) \pm 0.5pF$ |
| 2000 pF | 1 pF | $\pm (0.5\%rdg + 1dgt)$ |
| 20 nF | 10 pF | |
| 200 nF | 100 pF | |
| 2 μ F | 1 nF | |
| 20 μ F | 10 nF | |
| 200 μ F | 100 nF | |
| 2000 μ F | 1 μ F | $\pm (2.0\%rdg + 1dgt)$ |
| 20 mF | 10 μ F | $\pm (3.0\%rdg + 1dgt)$ |
| 200 mF | 100 μ F | |

Test Frequency :

820Hz for 200pF, 2000pF, 20nF, 200nF & 2 μ F ranges.

82Hz for 20 μ F ranges.

8.2Hz for 200 μ F, 2000 μ F, 20mF & 200mF ranges.

All Specifications are subject to change without prior notice.