



DIGITAL MICRO OHM METER

“CROWN” made **DIGITAL MICRO OHM METER** is a compact high reliability 3 ½ digit instrument suitable for measurement of resistivity of copper wires from 70 SWG to 50 SWG resistance of cables , windings , coils , heater elements & contact resistance of switches , relays etc. Emphasis in the design of this instrument has been to provide quick , stable & repeatable readings of resistance . The instrument uses 4 terminal measurement so that resistance of test leads & contacts in eliminated from test results . Actual value of resistance is directly displayed on seven segment 12.5mm display .



SPECIFICATION

RANGE OF MEASUREMENT : 1 micro ohm to 19.99 K Ohm in eight ranges

| <u>RANGE</u> | <u>NOMINAL TEST CURRENT</u> | <u>ACCURACY</u> |
|--------------------|-----------------------------|------------------------|
| 0 - 1999 μ Ohm | 1.50 A | $\pm 0.3\% + 2$ Digits |
| 0 - 19.99 m Ohm | 0.75 A | $\pm 0.2\% + 2$ Digits |
| 0 - 199.9 m Ohm | 0.75 A | $\pm 0.2\% + 2$ Digits |
| 0 - 1.999 Ohm | 75 mA | $\pm 0.2\% + 2$ Digits |
| 0 - 19.99 Ohm | 7.5 mA | $\pm 0.2\% + 2$ Digits |
| 0 - 199.9 Ohm | 0.75 mA | $\pm 0.2\% + 2$ Digits |
| 0 - 1999 Ohm | 0.075 mA | $\pm 0.2\% + 2$ Digits |
| 0 - 19.99 K Ohm | 0.075 mA | $\pm 0.2\% + 2$ Digits |

WARMUP Time for rated accuracy = 3 min.

INPUT VOLTAGE : 230V AC $\pm 10\%$ 10W Approx.

OVER RANGE : Three most significant digit blank & ‘1’ appears

CROWN ELECTRONIC SYSTEMS

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