

## 3½ DIGIT 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 resistor 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                      | ± 0.3% + 2 Digits |
| 0 - 19.99 m Ohm | 0.75 A                      | ± 0.2% + 2 Digits |
| 0 - 199.9 m Ohm | 0.75 A                      | ± 0.2% + 2 Digits |
| 0 - 1.999 Ohm   | 75 mA                       | ± 0.2% + 2 Digits |
| 0 - 19.99 Ohm   | 7.5 mA                      | ± 0.2% + 2 Digits |
| 0 - 199.9 Ohm   | 0.75 mA                     | ± 0.2% + 2 Digits |
| 0 - 1999 Ohm    | 0.075 mA                    | ± 0.2% + 2 Digits |
| 0 - 19.99 K Ohm | 0.075 mA                    | ± 0.2% + 2 Digits |

**WARMUP Time for rated accuracy = 3 min.**

**INPUT VOLTAGE** : 230VAC ± 10% 10W Approx.

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

## **CROWN ELECTRONIC SYSTEMS**