

CES - 53C

3½ DIGIT DIGITAL MICRO OHM METER (ROTARY SWITCH)

“CROWN” made 3½ DIGITAL MICRO OHM METER is a compact highly reliable instrument suitable for measurement of resistivity of copper wires from 7 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 is eliminated from test results . Actual value of resistor is directly displayed on seven segment 12.5mm LED display .



SPECIFICATION

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

| <u>RANGE</u> | <u>RESOLUTION</u> | <u>NOMINAL TEST CURRENT</u> | <u>ACCURACY</u> |
|----------------------|-------------------|-----------------------------|------------------------|
| 0 - 1999 $\mu\Omega$ | 1 $\mu\Omega$ | 2.00A | $\pm 0.3\% + 2$ Digits |
| 0 - 19.99 m Ω | 10 $\mu\Omega$ | 1.00A | $\pm 0.2\% + 2$ Digit |
| 0 - 199.9 m Ω | 100 $\mu\Omega$ | 1.00A | $\pm 0.2\% + 2$ Digit |
| 0 - 1.999 Ω | 1m Ω | 100mA | $\pm 0.2\% + 2$ Digits |
| 0 - 19.99 Ω | 10m Ω | 10mA | $\pm 0.2\% + 2$ Digits |
| 0 - 199.9 Ω | 100m Ω | 1mA | $\pm 0.2\% + 2$ Digits |
| 0 - 1.999 K Ω | 1 Ω | 100uA | $\pm 0.2\% + 2$ Digits |
| 0 - 19.99 K Ω | 10 Ω | 10uA | $\pm 0.2\% + 2$ Digits |

WARMUP Time for rated accuracy = 3 min.

INPUT VOLTAGE : 230V AC $\pm 10\%$

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

STANDARD ACCESSORIES : Test Lead-Banana to Crocodile Clip
One Set Of 4 Leads

(SPECIFICATIONS & DESIGN SUBJECT TO
CHANGE WITHOUT PRIOR NOTICE)