

## INTRODUCTION

"METRAVI" Digital Micro Ohm Meter is a compact high reliability 3-½ Digit instrument suitable for measurement of resistivity of copper wires from 7/0 SWG to 50 SWG. resistance of cables, windings, coils, heater elements and contact resistance of switches, relays etc. Emphasis in the design of this instrument has been to provide quick, stable and repeatable readings of resistance. The instruments uses 4-terminal measurement so that resistance of test leads and contacts is eliminated from test results. Actual value of resistor is directly displayed on seven segment 12.5mm Display.

## SPECIFICATIONS

**RANGE OF MEASUREMENT :** 1micro-ohm to 19.99 Kohm in eight range.

RANGE(OHMS)	NORMAL TEST CURRENT	ACCURACY
0 - 1999 $\mu$	1.50 A	$\pm 0.3\% \pm 2$ Digits
0 - 19.99 m	0.75 A	$\pm 0.2\% \pm 2$ Digits
0 - 199.9 m	0.75 A	$\pm 0.2\% \pm 2$ Digits
0 - 1.999	75 mA	$\pm 0.2\% \pm 2$ Digits
0 - 19.99	7.5 mA	$\pm 0.2\% \pm 2$ Digits
0 - 199.9	0.75 mA	$\pm 0.2\% \pm 2$ Digits
0 - 1.999k	0.075 mA	$\pm 0.2\% \pm 2$ Digits
0- 19.99k	0.005mA	$\pm 0.2\% \pm 2$ Digits

**WARMUP** time for rated accuracy : 3 minutes

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

**OVER RANGE** 3-1/2 Digit 12.5mm Height LED.

