



ISO 9001

# VISHAWKARMA SCIENTIFIC WORKS

AN ISO 9001 : 2015 Certified Company

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## 3½ DIGIT DIGITAL MICRO OHM METER (ROTARY SWITCH)

### DESCRIPTION:

Model : VIS-53C

“VISKAW” made 3½ DIGITAL MICRO OHM METER is a compact high reliability 3½ digit 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 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>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 $\Omega$	10 $\mu\Omega$	1.00A	$\pm 0.2\% + 2$ Digit
0 - 199.9 m $\Omega$	100 $\mu\Omega$	1.00A	$\pm 0.2\% + 2$ Digit
0 - 1.999 $\Omega$	1m $\Omega$	100mA	$\pm 0.2\% + 2$ Digits
0 - 19.99 $\Omega$	10m $\Omega$	10mA	$\pm 0.2\% + 2$ Digits
0 - 199.9 $\Omega$	100m $\Omega$	1mA	$\pm 0.2\% + 2$ Digits
0 - 1999 $\Omega$	1 $\Omega$	100uA	$\pm 0.2\% + 2$ Digits
0 - 19.99 K $\Omega$	10 $\Omega$	10uA	$\pm 0.2\% + 2$ 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
EXTENDED ACCESSORIES	:	Test Lead Banana to Crocodile Clip One Set Of 4 Leads