

Multimeter

# Nagman Dual Display Multimeter

*Portable, Table-top Version*

**Basic Accuracy:  $\pm 0.03\%$  F.S.**

**Capability to Measure  
DC/AC Voltages & Current, Frequency & Resistance**

**Model**

**8145B**

- 4½ digit Dual Display Bench-top Multimeter

- Large LCD Screen

- 33000 Count Digital reading Primary Display

- Capability to Measure :

DC / AC Voltages :  
- upto 1000 V / 750 V respectively

DC / AC Current upto 10 A

Frequency & Resistance : 30 MHz / 100 MΩ  
response

- Capability to communicate with PC thro' USB  
Interface



(P.T.O)

## SPECIFICATIONS

Basic Function	Range	Basic Accuracy
DC Voltage	300 mV / 3 V / 30 V / 300 V / 1000 V	$\pm(0.03\% + 5)$
AC Voltage	300 mV / 3 V / 30 V / 300 V / 750 V	$\pm(0.5\% + 50)$
DC Current	0.3 mA / 300 mA / 30 mA / 300 mA / 10 A	$\pm(0.05\% + 3)$
AC Current	30 mA / 300 mA / 10 A	$\pm(0.5\% + 30)$
Resistance	300 $\Omega$ / 3 k $\Omega$ / 30 k $\Omega$ / 300 k $\Omega$ / 3 M $\Omega$ / 30 M $\Omega$ / 100 M $\Omega$	$\pm(0.05\% + 3)$
Frequency	300 Hz / 3 kHz / 30 kHz / 300 kHz / 3 MHz / 30 MHz	$\pm(0.03\% + 2)$
Power Supply	230 VAC, 60 Hz (Optional : 110 VAC, 60 Hz)	$\pm 5\%$
Dimension	245 x 220 x 82 (mm)	
Weight	2 Kgs. (approx.)	

### CONTINUITY

Range	Continuous Resistance	Open Circuit Voltage	Short Circuit Current	Maximum Input Voltage
300 $\Omega$	150 $\Omega$	2.5 V	About 1.25 mA	250 VDC / RMS AC

### DIODE TEST

Range	Accuracy	Maximum Measuring Voltage	Maximum Measuring Current	Maximum Input Voltage
20 V	1%	$\leq 2$ V	About 1.25 mA	250 VDC / RMS AC

#### STANDARD DELIVERY

- Digital Multimeter - Model 8145B
- Mains Power Cable
- Operation Manual
- Test Leads
- Traceable Calibration Certificate

#### OPTIONAL

- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory

Product of

## Nagman Instruments & Electronics (P) Ltd.

- Comprehensive Calibration Solutions (Standards / Systems / Packages / Software / Services)  
Chennai – 600 123. INDIA.



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