

Digital Multimeter

# Nagman Dual Display Multimeter

Portable, Table-top Version

*Basic Accuracy : ±0.03%*



**Model : 8145B**

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

- 4½ Dual Digit Bench-top Multimeter
- Large LCD Display
- 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



## PHYSICAL 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 / 3 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 $\Omega$ / 3k $\Omega$ / 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	220 V, 60 Hz (Optional : 110 V, 60 Hz AC)	$\pm 5\%$
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
3.0000 V	1%	$\leq 2$ V	About 1.25 mA	250 VDC / RMS AC

#### STANDARD DELIVERY

- Digital Multimeter – Model : 8145B
- Power Cord
- Operation Manual
- Test Leads
- Test Certificate

#### OPTIONALS

- NABL Traceable Calibration Certificate

Product of

## NAGMAN INSTRUMENTS & ELECTRONICS (P) LTD.

- Comprehensive Calibration Solutions (Standards / Systems / Packages / Software / Services)

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