

Multimeter

Nagman
Dual Display Multimeter

**Portable, Handy, Easy to carry
& Sturdy case with grip**

Basic Accuracy : $\pm 0.02\%$ F.S.

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

Model

8155

- 5½ digit Dual Display Multimeter with Large LCD Screen

- Capability to Measure :

DC Voltage upto 1000 V

AC Voltage upto 750 V

DC & AC Current upto 10 A

Resistance : upto 200 MΩ

Frequency : upto 50 MHz

- Capability to measure 8 different types of Thermocouples (R, S, K, E, J, T, B & N) & Pt100 RTD
- Capability to measure True RMS AC & perform Diode Test
- Built-in self test with closed case Calibration – no internal Calibration adjustment required.



(P.T.O)

SPECIFICATIONS

Basic Function	Range	Accuracy	Impedance
DC Voltage	200 mV / 2V / 20 V / 200 V / 1000 V	±(0.02% + 5)	
AC Voltage	200 mV / 2V / 20 V / 200 V / 750 V	±(0.5% + 50)	1 MΩ in series 1 μF
DC Current	200 μA / 500 mA / 10 A	±(0.05% + 5)	
AC Current	200 mA / 100 mA / 10 A	±(0.5% + 30)	0.01 Ω
Resistance	200 Ω / 2 kΩ / 20 kΩ / 200 kΩ / 2 MΩ / 20 MΩ / 200 MΩ	±(0.03% + 3)	
Frequency	500 Hz / 5 kHz / 50 kHz / 500 kHz / 5 MHz / 50 MHz	±(0.03% + 2)	
Power Supply	230 VAC, 60 Hz (Optional : 110 VAC, 60 Hz)	±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
200 Ω	150 Ω	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%	≤2 V	About 1.25 mA	250 VDC / RMS AC

TEMPERATURE MEASUREMENT

	Type	Resolution	Range	Accuracy	Max. Input
Thermocouple	R	1°C	-40 to 1760°C	0 to 500°C : 2°C / 500 to 1760°C : 1.5°C	1000 VDC 750 Vrms AC
	S	1°C	-20 to 1760°C	0 to 500°C : 2°C / 500 to 1760°C : 1.5°C	
	K	0.1°C	-200 to 1370°C	0 to 1370°C : 2°C	
	E	0.1°C	-200 to 1000°C	0 to 1000°C : 1.5°C	
	J	0.1°C	-200 to 1200°C	0 to 1200°C : 1.5°C	
	T	0.1°C	-200 to 400°C	0 to 400°C : 2°C	
	B	1°C	600 to 1800°C	400 to 800°C : 2.2°C / 800 to 1000°C : 2°C	
RTD	Pt100	0.1°C	-200 to 850°C	-200 to 0°C : 1.5°C / 0 to 1300°C : 2°C -200 to 0°C : 0.5°C / 0 to 400°C : 0.7°C / 400 to 850°C : 0.8°C	250 VDC / rms AC

STANDARD DELIVERY

- Digital Multimeter - Model 8155
- 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.



Domestic Sales 044 – 2252 2800, 2252 3240 Fax 044 – 2252 3240 E-Mail mktgchennai@nagman.com
International Sales +91-44-26811704, 26811708 Fax +91-44-26811703 E-Mail exports@nagman.com

www.nagman.com



Specifications subject to change owing to continuous development

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