

High Precision Digital Multimeter

High Quality Professional True RMS

Nagman 283

Handheld Model

SALIENT FEATURES

	Measuring Range	Resolution	Accuracy
DC Voltage	600 mV	0.1mV	±0.5% reading + 3 digits
	6V	1mV	±0.5% reading + 3 digits
	60V	10mV	±0.5% reading + 3 digits
	600V	100mV	±0.5% reading + 3 digits
	1000V	1V	±0.5% reading + 3 digits
AC Voltage	6V	1mV	±0.8% reading + 3 digits
	60V	10mV	±0.8% reading + 3 digits
	600V	1000mV	±1% reading + 10 digits
	750V	1V	±1% reading + 10 digits
DC Current	60µA	0.01µA	±0.8% reading + 3 digits
	60mA	0.01mA	±0.8% reading + 3 digits
	600mA	0.1mA	±0.8% reading + 3 digits
	20A	10mA	±1.2% reading + 3 digits
AC Current	60mA	0.01mA	±1% reading + 3 digits
	600mA	0.1mA	±1% reading + 3 digits
	20A	10mA	±1.5% reading + 3 digits
Resistance	600 Ω / 6KΩ / 60KΩ / 600KΩ / 6MΩ	0.1 / 1 / 10 / 100 / 1K	±0.8% reading + 3 digits
	60MΩ	10 KΩ	±1.2% reading + 3 digits
Capacitance	6nF	0.001nF	±4.0% reading + 3 digits
	60nF / 600nF	0.01nF / 0.1nF	±4.0% reading + 3 digits
	6 µF / 60 µF / 600 µF	1nF / 10nF / 100nF	±4.0% reading + 3 digits
	6mF	1µF	±4.0% reading + 3 digits
	100mF	0.01mF	±5.0% reading + 3 digits
Frequency	9.9 Hz / 99.9 Hz / 999.9 Hz / 9.9 KHz / 99.9 KHz / 999.9 KHz / 9.9 MHz	0.001 Hz / 0.01 Hz / 0.1 Hz / 0.001 KHz / 0.01 KHz / 0.1 KHz / 0.001 MHz	±1.0% reading + 3 digits
Duty	5% ~ 95%		±(2.0% + 3)
Temperature	-20°C ~ 1000°C / -4°F ~ 1832°F	1°C / 1°F	±(1.0% + 3)
Transistor (HFE)	0 ~ 1000		

SPECIFICATIONS

Display	6000 counts
True RMS	✓
AC Voltage Bandwidth	1 Hz
°C / °F	✓
Continuity	✓ Sound & LED Alarm
Diode Test	✓
Transistor	✓
Live Wire	✓ Sound & LED Alarm
Low Battery Indicator	✓
Auto Power Off	✓
Back Light	✓
NCV	✓
General	
Power Supply	4 x 1.5V Battery
Weight	380 g approx.
Size	190 x 89 x 50 mm
Safety Rating	EN61010-1, 2-030, EN61010-2-033 CAT.III 1000V CAT. IV 600V



STANDARD INCLUSIONS

- Basic Instrument
- K Type Thermocouple
- Test Leads
- Conformance Certificate
- Instruction Manual

Manufactured by



Since 1972

NAGMAN INSTRUMENTS AND ELECTRONICS PRIVATE LIMITED

AN ISO 9001:2015 CERTIFIED COMPANY

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Specifications subject to change owing to continuous development. Contact us for latest Datasheet.

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