

Multifunction LCR Tester

NAGMAN 294

Nagman Multifunction LCR Tester has digital double-display intelligent measurement high-precision digital bridge, and there are series and parallel modes to choose from. Selecting the appropriate mode can measure data more accurately. LCR meter has three frequency test points, which are 100Hz/1kHz/10kHz. It can be used to measure inductance, capacitance, and impedance, which is an ideal multi-function LCR tester.

High definition 6000 count display, automatic display of unit symbols according to the measurement function, with backlight, clear reading even in dark environments.

Simple key design with text introduction, you can quickly understand key functions and usage. The keys are concentrated in one area, allowing users to complete function selection with one hand.

The shielded ground jack simplifies multiple jacks for easy identification and portability. The design of the watch clip makes it easier for users to connect the object under test and is more stable.

Function : Resistance / Capacitance / Inductance / Frequency Measurement

SALIENT FEATURES

Measuring Resistance Range : 20MΩ

Measuring Capacitance Range: 6mF

Measuring Inductance Range: 200H

Operating Temperature : 0 ~ 40°C

LCD Display with Backlight



Typical Photo: Final Product look may vary

GENERAL SPECIFICATIONS

Specifications	Range	Accuracy
Resistance	60 Ω / 600 Ω / 6 KΩ / 60 KΩ / 600 KΩ / 6M Ω / 20M Ω	±(1.0% + 5)
Capacitance	600nF / 6nF / 60nF / 600nF / 6μF / 60μF / 600μF / 6mF	±(1.0% + 5)
Inductance	600μH / 6000μH / 60mH / 600mH / 6H / 60H / 200H	±(1.0% + 5)
Duty	5% - 95%	±(3.0%)
Measuring Frequency	100 Hz / 1 kHz / 10 kHz	
Parameters	L / C / R / DCR / Q / D / Θ / ESR	
Measuring Voltage	0.5Vrms	
Features		
Display	6000 Counts	
Measuring Mode	SER/PAL	
Dual Display	✓	
Auto Range	✓	
Display Test Frequency	✓	
Auto Power Off	✓	
Data Hold	✓	
Relative Measurement	✓	
Back Light	✓	
Auto LCR Smart Check & Measuring	✓	
General		
Power Supply	1.5 AA Batteries x 4 Nos.	
Weight Net	350 grams approx. (Batteries not included) / Gross Weight 700 grams (approx.)	
Dimensions	195 mm x 93 mm x 56 mm	
Safety Rating	EN61010-1, EN61010-2-033, EN61326, CAT. III 1000V	

STANDARD INCLUSIONS

- Basic Instrument with Battery
- Test Clip
- Carrying Case
- Conformance Certificate
- Instruction Manual

OPTIONAL

- Computer Interface
- Calibration Certificates are issued in Accordance with our Scope as granted by NABL per ISO/IEC 17025:2017 Standards

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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