

Nova 1900 Wire Resistance Tester



Features:

- NEMA, ASTM, IEC, and JIS Specifications
- Gold-plated Kelvin contacts
- Universal Temperature Compensator
- Test Magnet Wire Sizes:
44 AWG to 12 AWG
(0.05 mm to 2 mm)
- Optional specimen holders for large round wires and rectangular wires
- 120 VAC / 0.25 Amps at 60 Hz
240 VAC 0.125 Amps at 50 Hz

The Nova 1900 Magnet Wire Resistance Tester determines the resistance of magnet wire and bare wire per NEMA, ASTM, IEC, and JIS specifications. The resistance test is also used to determine the diameter of fine wire (45-50 AWG). The Nova 1900 wire mounting fixture can hold a 1-meter or a 3-foot wire specimen between the Kelvin bridge contacts in an enclosed enclosure (for fine wire test fixture only). The resistance bridge is located close to the wire mounting fixture to minimize error. The resistance bridge is equipped with a universal temperature compensator and 4-wire Kelvin connectors for accuracy. The Nova 1900 Resistance Tester bridge has 6 measuring ranges from 20 milliohm to 2 K-ohms with a 1 micro-ohms resolution on the 20 milliohm range. The bridge accuracy is 0.1%.

Dimensions:

66 cm W x 38 cm D x 30 cm H
(26" W x 15" D x 12" H)

Design and specifications subject to change without prior notification

Ampac International, Inc.
1118 Cedar Street, Fort Wayne, Indiana 46803
Tel: 260-424-2964

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Web-Site: www.ampac-intl.com
e-mail: ampac-intl@msn.com