



Ampac International, Inc.

Quality People, Quality Products

QUALITY MAGNET WIRE TESTERS

Cat.No.:06-03-N1401

Web Site: <http://www.ampac-intl.com>

NOVA 1401 Dielectric Breakdown Tester



Features:

User Friendly
Large Test Compartment
Meets NEMA Specifications
Variable Rate of Voltage Rise
(20, 50, 100, 250, 375, 500 v/sec)
120 VAC / 5.0 AMP or
240 VAC / 2.5 AMP

Test Magnet Wire Sizes:
12 AWG to 44 AWG
(0.05mm to 2.0mm)

The NOVA 1401 is an automatic dielectric breakdown tester. The tester performs the dielectric breakdown test on round film insulated magnet wire according to NEMA-1000. Optional fixtures allow the NOVA 1401 to test tape, film and sheet insulation. The tester has a test voltage range of 0 to 20,000 volts. The rate of voltage rise is selected through the rotary switch from 20 to 500 volts per second. In the manual mode, the test voltage can be selected through a potentiometer for continuous testing of the specimen until failure occurs. An electronic timer indicates the duration of the constant voltage test in manual mode.

The tester has a large clear polycarbonate test compartment with two safety switches. A mechanical-contact specimen holder plugs into the high voltage terminals in the test compartment for testing. The dielectric breakdown test voltage is displayed until it is reset by the operator. The modular design allows for easy maintenance.

Options:

0-30,000 VAC Test Voltage
Custom Test Electrodes
Rectangular Wire Test Fixture
Over Size/Vertical Test Compartment

Dimensions:

46 cm **W** x 41 cm **D** x 51 cm **H**
(18" W x 16" D x 20" H)

Note: Design and Specifications Subject To Change Without Prior Notice.



Designed and Manufactured in USA.
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