



Ampac International, Inc.

Quality People, Quality Products

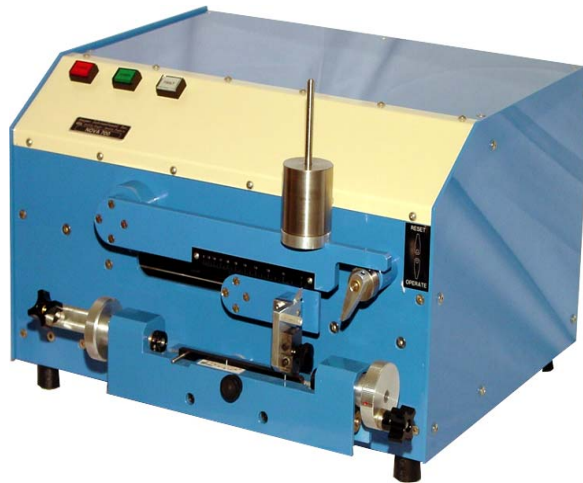
QUALITY MAGNET WIRE TESTERS

Cat.No.:06-03-N700

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

NOVA 700

Continuous Loading Unilateral Scrape Abrasion Tester



Features:

User-Friendly
Sturdy Chassis Construction
Precision Linear Bearing Guides
16 inch Per Minute Scrape Rate
(41 cm per Minute)
Complete Set of Weights
120 VAC / 3.0 AMP or
240 VAC / 1.5 AMP

Test Magnet Wire Sizes:
12 AWG To 30 AWG
(0.25mm to 2.0mm)

The NOVA 700 Continuous Loading Unilateral Abrasion Tester determines the scrape abrasion resistance of magnet wire insulation according to NEMA MW-1000 specifications. The scrape head applies an increasing load to the magnet wire insulation until a fault occurs. If a fault is not detected, the load applied to the scrape head is doubled at the end of the scrape head travel. The scrape head speed is set at 16 inches per minute (41 cm per minute). The wire sample is rotated through 0°, 120° and 240° after each test, allowing 3 scrape tests per sample. This procedure also helps to determine any eccentricity of the insulation on the wire. The modular design, precision components, and sturdy construction of the tester provides reliability, accuracy, and repeatability.

Options:

Custom Modification Available
Complete Set Of Weights (Traceable To NIST)

Dimensions:

41 cm **W** x 30 cm **D** x 30 cm **H**
(16" W x 12" D x 12" H)

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



Designed and Manufactured in USA.
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