



Ampac International, Inc.

Quality People, Quality Products

QUALITY MAGNET WIRE TESTERS

Cat.No.:06-03-N915

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

NOVA 915

Dynamic & Static Coefficient of Friction Tester



Features:

User Friendly
RS-232C Output
LCD Graphic Display
Variable Wire Speed
Meets NEMA MW750 Specification
High Precision Load Cell
Force Zeroing (TARE) Capability
120 VAC / 1.0 AMP or
240 VAC / 0.5 AMP

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

The NOVA 915 integrates both the dynamic coefficient of friction test and the static coefficient of friction test in one chassis. The Dynamic Coefficient of Friction Tester performs the dynamic coefficient of friction test according to NEMA-MW750 specification. The static coefficient of friction test uses the maximum static force method.

The dynamic coefficient of friction test measures the dynamic coefficient of friction of the magnet wire insulation with or without lubricant applied. The coefficient of friction of the insulation affects the spooling and windability of the wire into coils. The specimen test data statistics are displayed on the LCD panel. The test data can be downloaded into a personal computer via the RS-232 port. The test data is displayed on the control module. A set of test load is shipped with the NOVA 915. The tester and the test load are calibrated traceable to N.I.S.T.

The Static Coefficient of Friction test module is mounted on top of the control chassis. It uses the maximum static frictional force principle to determine the static coefficient of friction value. High accuracy load cell, load cell zeroing function, and quality electronic components help to ensure accurate and repeatable static coefficient of friction test data.

Dimensions:

107 cm **W** x 46 cm **D** x 38 cm **H**
(42" W x 18" D x 15" H)

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



Designed and Manufactured in USA.
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