



Ampac International, Inc.

Quality People, Quality Products

QUALITY MAGNET WIRE TESTERS

Cat.No.:06-03-N210

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



NOVA 210 Low Stress Elongation Tester

Features:

User Friendly
LCD Display
RS-232 Output
Precision Ball Screw
Meets ASTM Specifications
120 VAC / 3.0 AMP or
240 VAC / 1.5 AMP

Test Magnet Wire Size:
10 AWG to 30 AWG
(0.25mm to 2.5mm)

The NOVA 210 Low Stress Elongation Tester performs the low stress elongation (LSE) test according to ASTM D-1676 for magnet wire and B-279 for uninsulated wire. The tester applies a specified tension (103,425 kPa for copper and 55,160 kPa for aluminum) to a 10-inch (25.4cm) specimen of round wire for 30 seconds and the low stress elongation (LSE) is measured after unloading. LSE is a measure of the formability of the wire. A larger LSE value indicates that the wire has greater formability and is better able to absorb bends and twists during motor and coil winding. High precision digital electronic scale and load cell are used to measure the elongation and tension. The load cell has a built-in safety overload feature. The wire holding jaws are user friendly and require minimal effort in clamping the specimen. The tester can be calibrated traceable to N.I.S.T.

Options:

Rectangular and heavy round wire
N.I.S.T. Traceability
Custom Wire Holding Jaws

Dimensions:

56 cm **W** x 46 cm **D** x 66 cm **H**
(22" W x 18" D x 26" H)

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



Designed and Manufactured in USA.
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