



Features:

- Meets NEMA or IEC and JIS specifications
- N.I.S.T traceability
- Elongation up to 50%
- Adjustable % elongation up to 50%
- Wire holding post accommodates wide range of wire sizes:
44 AWG - 12 AWG
(0.05 mm - 2 mm)
- 120 VAC / 3.0 amps at 50/60 Hz
240 VAC / 1.5 amps at 50/60 Hz

The NOVA 112 Magnet Wire Elongation Tester performs the elongation test according to NEMA, or IEC and JIS specifications. The tester can be calibrated traceable to N.I.S.T. The elongation tester elongates a specimen of annealed magnet wire with a test length of 10 inches (25.4 cm) to a predetermined % elongation up to 50% or to failure. The maximum elongation is 50 %. A laser engraved scale is used to indicate the percent elongation. The tester can test wire sizes 44 AWG to 12 AWG (0.05 mm to 2 mm).

Ball screw and linear guide assembly together with reliable electronics in a totally enclosed chassis provide a sturdy and reliable test platform.

Dimensions:

6 1/2" W x 6" H x 24" L

17 cm W x 15 cm H x 61 cm L

Other Elongation Tester Models Available:

Nova 120 — 44 AWG - 8 AWG (0.05 mm – 3.15 mm)

Nova 130 — 18 AWG - 6 AWG (1mm – 4 mm)

Nova 150 — 12 AWG – ¼" dia. and rectangular wire up to 0.25"x0.25" or 0.0625 sq. inches
(2 mm – 6 mm dia. and rectangular wire up to 6 mm x 6 mm or 36 sq. mm)

Nova 160 — 12 AWG – ¼" dia. and rectangular wire up to 0.25"x0.5" or 0.125 sq. inches
(2 mm – 6 mm dia. and rectangular wire up to 6 mm x 12 mm or 72 sq. mm)

Nova 170 — 12 AWG – 0.3" dia. and rectangular wire up to 0.4"x0.7" or 0.28 sq. inches
(2 mm – 7.5 mm dia. and rectangular wire up to 10 mm x 18 mm or 180 sq. mm)

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