

Nova 510 NEMA and IEC Springback Tester



Features:

- Meets NEMA, JIS, and IEC Specifications
- 1 Degree Resolution
- Complete sets of test weights for NEMA, JIS, and IEC testing
- Test Magnet Wire Sizes:
 - NEMA -- 30 AWG to 14 AWG
(0.25 mm to 1.6 mm)
 - JIS -- 30 AWG to 14 AWG
(0.25 mm to 1.6 mm)
 - IEC -- 0.08 mm to 1.6 mm
- 120 VAC / 2 Amps at 60 Hz
240 VAC / 1 Amp at 50 Hz

The Nova 510 NEMA and IEC Springback Tester perform the magnet wire springback test according to NEMA, JIS, and IEC specifications. The NEMA Springback test can also perform the JIS springback test. It has a mandrel with 3 sets of diameters that accommodate wire sizes from 30 AWG to 14 AWG (0.25 mm to 1.6 mm). The motor rotates the mandrel 3 revolutions to wind the wire. Upon completion of the test, the graduated scales indicate the amount of springback.

The IEC Springback test section has a drive shaft that accepts the mandrels required for the IEC springback test. The mandrels are interchangeable with reference to wire sizes. The motor rotates the mandrels for 5 revolutions to wind the wire. On completion of the test, the graduated scales indicate the springback value. Springback values are used to determine the softness of the copper wire.

Dimensions:

18" W x 12" D x 10.5" H --- extension stand not included
(46 cm W x 30.5 cm D x 27 cm H)

Other Springback Tester Model:

Nova 500 NEMA Springback Tester
Nova 520 Rectangular Wire Springback Tester
Nova 540 IEC Springback Tester

Design and specifications subject to change without prior notification

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