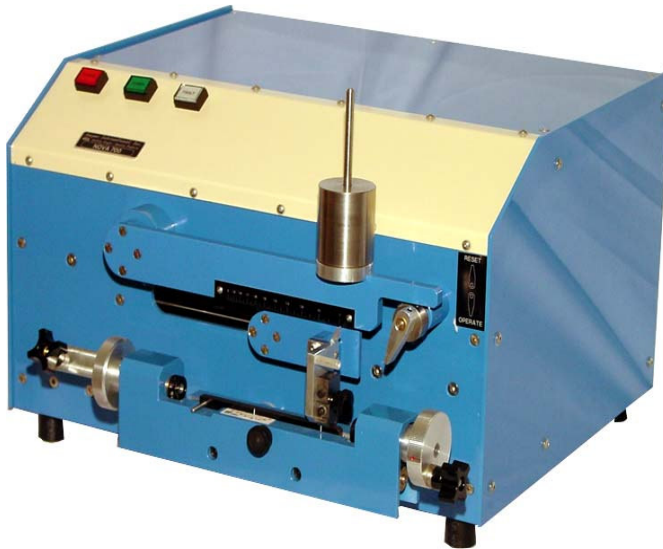


Nova 700 Continuous Loading Unilateral Scrape Abrasion Tester



Features:

- Meets NEMA, IEC, JIS specification
- 16 inch Per Minute Scrape Rate (41cm per Minute)
- Complete set of weights
- Removable Scrape Head
- Test Magnet Wire Sizes: 30 AWG to 12 AWG (0.25 mm to 2 mm)
- 120 VAC / 1 Amp at 60 Hz
240 VAC / 0.5 Amp at 50 Hz

The Nova 700 Continuous Loading Unilateral Scrape Abrasion Tester determines the scrape abrasion resistance of magnet wire insulation according to NEMA, JIS, and IEC 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 (41cm per minute). The wire sample is manually rotated through 0°, 120° and 240° after each test, allowing for a total of 3 scrape tests per sample. This procedure also helps to determine any eccentricity of the insulation on the wire. The modular design with precision components and sturdy construction of the tester provide reliability, accuracy, and repeatability of the tester and test data. A complete set of weights (traceable to NIST) is included.

Dimensions:

16" W x 12" D x 12" H

41 cm W x 30 cm D x 30 cm H

Options:

Custom modification available for rectangular wire and cable testing

Design and specifications subject to change without prior notification

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