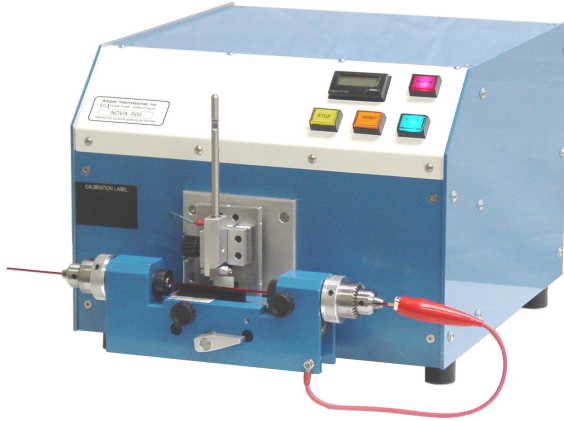


Nova 600 Scrape Abrasion Tester



Features:

- Precision Linear Bearing Guides
- 60 Cycle Per Minute Scrape Rate
- 3/8 Inch (10mm) Stroke Length
- Complete Set of Weights
- Test Magnet Wire Sizes:
12 AWG to 30 AWG
(2mm to 0.25mm)
- 120 VAC / 1.0 AMP or
240 VAC / 0.5 AMP

The Nova 600 Repeated Scrape Abrasion Tester determines the scrape abrasion resistance of magnet wire insulation. The loaded scrape head reciprocates at a rate of 60 cycles per minute (1 forward and backward stroke is 1 cycle) and a stroke length of 3/8 inch (10mm). 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 indicate any eccentricity of the insulation on the wire. When the scrape needle scrapes through the wire insulation and exposes the bare conductor, the tester stops and the number of cycles is recorded on the digital counter. Complete set of weights (traceable to NIST) is included.

Options:

Custom modification available for rectangular wire and cable testing

Dimensions:

30 cm **W** x 30 cm **D** x 20 cm **H**
(12" **W** x 12" **D** x 8" **H**)

Design and specifications subject to change without prior notification

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