

**Features:**

- Meets NEMA Specifications
- Sturdy Steel Base Plate
- Ball Bearing Shaft Support
- 100 Twists Per Minute
- Test Magnet Wire Sizes:  
(0.05 mm to 2.5 mm)
- 120 VAC / 1 Amp at 60 Hz  
240 VAC / 0.5 Amp at 50 Hz

The Nova 1500 Twist Fabricator makes twisted specimen pairs according to NEMA-1000, JIS and IEC specifications. The Dielectric Twist Fabricator consistently provides the exact number of twists and tensions on twisted pair samples for dielectric strength, voltage endurance, and thermal aging testing. The tester has a twist paddle that accommodates wire sizes from 44 AWG to 12 AWG (0.05 mm – 2.0 mm). The motor rotates the twist paddle at a speed of up to 100 revolutions (twists) per minute. A pre-settable counter shows the number of twists selected and automatically stops the motor when the correct numbers of twist have been performed. An optional chuck is available for helical coil winding.

**Dimensions:**

52" W x 8" D x 13" H

132 cm W x 20 cm D x 33 cm H

**Other Models Available:**

Nova 1560 --- Served Wire Twist Fabricator

Nova 1570 --- Dielectric Twist Fabricator, IEC Peel Test, and Helical Coil Winder



Twisted Pair specimen used in  
Dielectric Breakdown Test

Design and specifications subject to change without prior notification

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