

Nova 1570 Dielectric Twist Fabricator



Features:

- Meets NEMA, IEC, and JIS Specifications
- Ball Bearing Shaft Support
- 100 Twists Per Minute
- 3/8" Chuck for Helical Coil Winding
- IEC Peel Test Fixture
- 120 VAC / 1.0 AMP or
240 VAC / 0.5 AMP
- Dimension:
132 cm W x 41 cm D x 33 cm H
(52" W x 16" D x 13" H)
- Test Magnet Wire Sizes:
12 AWG to 44 AWG
(2 mm to 0.05 mm)

The Nova 1570 Twist Fabricator makes twisted specimen pairs according to NEMA-1000, IEC, and JIS specifications. The Dielectric Twist Fabricator consistently provides the exact number of twists, tensions on the twists, and shape of the 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 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 twists have been performed. The chuck mounted on the left side of the unit can be used for winding helical coil for heat shock test to a predetermined number of turns. The tester also performs the IEC peel test.

Dimensions:

132 cm W x 41 cm D x 33 cm H
(52" W x 16" D x 13" H)

Options:

Foot Switch
Slit, Twist & Peel Test Fixture



Helical Coil Winder



IEC Peel Test Fixture



**Twisted pair specimen in
Dielectric Breakdown Test**

Design and specifications subject to change without prior notification

Ampac International, Inc.
1118 Cedar Street, Fort Wayne, Indiana 46803
Tel: 260-424-2964

Designed and manufactured in the USA
© Copyright 2009 Cat. No. 2009-9

Web-Site: www.ampac-intl.com
e-mail: ampac-intl@msn.com