EleTwist

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TEXTILE
TESTING
SOLUTIONS

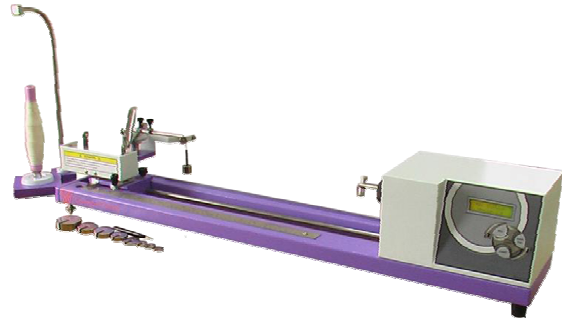**Generic Name** : Electronic Yarn Twist Tester

Product # : MAG - Y0752   **Test Category :** Yarn

Industry Usage : Spinning, Weaving & Knitting

Features :

- Determine yarn twist in single or plied or OE yarn.
- Works under the principle of single & triple untwist-retwist method and direct-counting method.
- Unique variable tensioning device suitable to test all kind of spun yarns.
- Direct TPI and TPM results in digital display for pre-selected gauge length, avoids manual calculations.
- Silent and integrated motor operation with auto-stop and counting control system for precise measurement.
- Pre-settable parameters stored in built-in CMOS memory (no battery power) for increased durability.

TECHNICAL DATA

Gauge Length	: 1 to 20 inch (1 to 50 cm)
Counting system	: Direct result; In-built calculations; Readout in dot-matrix display
Control system	: Microcomputer based pre-selectable / pre-programmable solid-state circuitry control; User-friendly menus with membrane keypad assembly
Programmable Parameters	: Measurement unit, Sample length & type, Twist direction and Speed index, etc.
Elongation setting range	: - 10 to + 100 mm
Tensioning range	: 1 to 90 grams (By calibrated augment weights)
Power supply	: Single phase 220vAC @ 50Hz; Consumption : 100 watts
Applicable standard(s)	: ASTM D1422 / D1423 and IS 832
Physical Dimensions	: Size (WDH) : 1000 × 300 × 200 mm
	Weight : 12 Kg

SCOPE OF SUPPLY

1) Main Unit – 1 No.,

2) Accessories : Yarn stand - 1 No., Mains cord - 1 No., Tensioning weight box - 1 No., Hand Scissor - 1 No. & Yarn split needle - 1 No.

3) Spares : Glass fuse (1A) - 3 Nos., Yarn gripper spring - 1 No. and Yarn gripper washer - 4 Nos. Tensioner weight thread - 1 meter.

4) Documents : User's guide, Warranty certificate, Test certificate & Calibration certificate.

Optional Supply : Nil.

PRE-REQUISITES FOR INSTALLATION

Suitable working table, properly earthed and Stabilized single phase 220vAC @ 50Hz ported at 5 Amps supply socket, Test samples and Suitably qualified operator.

OTHER AVAILABLE MODELS

CompuTwist

Product Specification Book Rev: 9.10.3   Page No. A - 1
Log on to www.magsolvics.com for product updates
MAG pursues a policy of continuous development. Specifications in this document are as of March 2015, which may therefore be changed without notice.