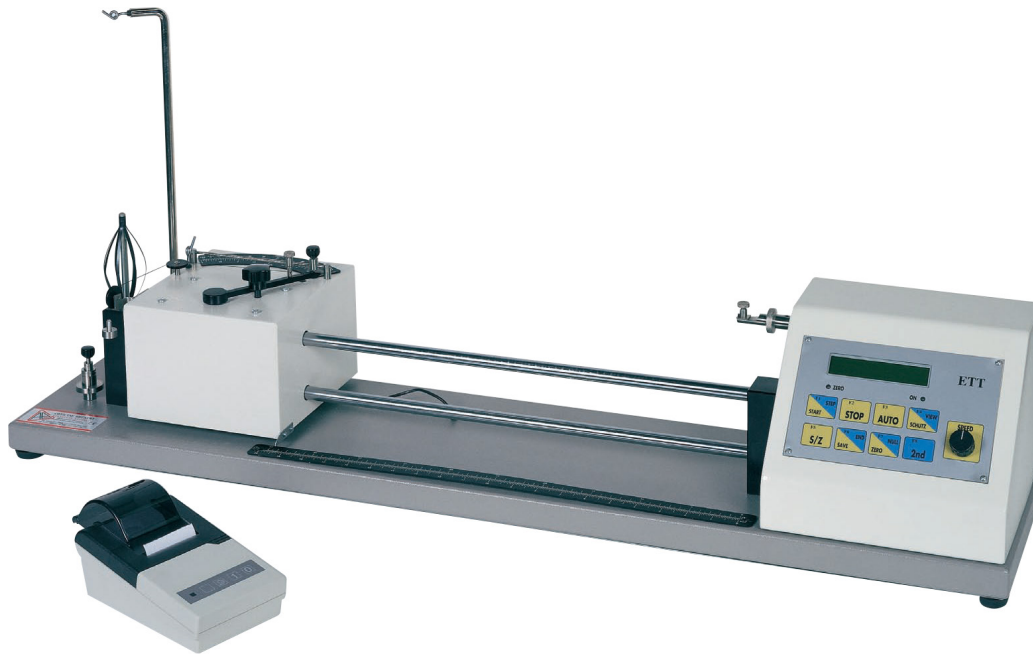


ELECTRONIC TWIST TESTER

LH-703



Twist has a critical effect on the physical properties of yarn such as softness, tensile strength and cover factor. Optimum twist level is important for both yarn end-users and production plants.

Lawson Hemphill Electronic Twist Tester, ETT meets applicable standards for measuring twist in the yarn. The machine is designed to apply Untwist-Retwist Method, Direct Counting Method and Schutz Method, which is special mode for Open-End yarns.

The instrument is a motorized unit with two clamps. One clamp is on adjustable stand to select yarn test length while the other clamp rotates in S or Z direction for twist removal.

The ETT Control Panel allows selection of the twist test method. At the end of the test, Panel Display will show the Average Twist Count, Standard Deviation, Minimum and Maximum Twist counts. Result data can be printed or sent to a computer.

FEATURES

- Untwist-Retwist Method, Direct Counting Method and Schutz Method
- Variable Clamp Distance (test length) between 1-50cm (0.5 to 20 inches)
- Yarn Elongation Indicator up to 100mm with 1mm accuracy
- Electronic Twist Counter on Control Panel Display
- Test End Indicator with Zero LED
- Auto Stop at test end

TECHNICAL SPECIFICATIONS

Clamp Distance	1-50cm (0.5-20 inches)
Elongation Indicator	Up to 100mm with 1mm accuracy
Speed	0-2200 rpm
Display	Backlit LCD
Output	RS232 serial port for data and printer output
Pre-tension weight	1, 2, 3, 5, 10, 15, 30g up to 60 grams for yarn pre-tension

MODELS**LH 703 Electronic Twist Tester****LH 703 Electronic Twist Tester with Printer**

Power Supply	110V or 220V
Power Consumption	25 watts
Dimensions	106 x 23 x 23 cm (41.7 x 9 x 9 in)
Weight	16Kg (32.5lbs)

ACCESSORIES and SPARE PARTS

- 50, 100 or 150g additional pre-tension weights
- Magnification Lens 3X
- Printer

STANDARDS

ASTM D 1422	Method for Twist in Single Spun Yarns by the Untwist - Retwist Method
ASTM D 1423	Standard Test Method for Twist in Yarns by Direct Counting
BS 2085	Method of Test for Determination of Twist in Yarns, Direct Counting Method
DIN 53832/1	Testing of Textiles; Determination of the Twist of Single and Plied Yarns and of the Change of Length Untwist Method
EN ISO 2061	Textiles, Determination of Twist in yarns, Direct Counting Method
IWTO 25-70	Determination of the Twist of Wool Worsted Yarns

**All specifications are subject to change.*

Contact us today for more information on any Lawson-Hemphill product!

Lawson Hemphill Inc.
 1658 G.A.R. Highway, Unit 6
 Swansea, MA 02777 USA
 Phone: +1 508 679 5364
 information@lawsonhemphill.com
 www.lawsonhemphill.com

