



Determine the twist content of a wide variety of yarn types.

Fast and efficient twist testing with a choice of operation modes.

An advanced testing instrument able to determine the number of twists for single, plied and open-end yarns. An automatic operating and measuring system incorporates an inductive sensor which stops twisting and re-twisting when the test is complete. The instrument includes a choice of test methods, selected via the user-friendly touch screen. Statistical data includes Min, Max, AV, Standard Deviation %, CV % etc.

Includes standard set of pretension weights: 0.5, 1, 2, 3, 5, 7, 10, 15, 40 grams

Test Methods:

The following modes of test are selectable;

Single Yarn Test – Untwist–Retwist method of single spun yarns in S or Z twist direction as described in ISO 2061, ASTM D1422.

Direct Counting Test – Method of untwisting until reaching straight section of a yarn according to ASTM D1423/ D1423M.

Dual – Test method suitable for double or plied yarns.

Schutz – Suitable for Open End yarns according to the 2nd Appendix New “double test check” devised by Messrs. M.Kueny, H.LE Chatelier and R.A. Schutz.

Manual – Motor digitally controlled by the operator.

Options:

Software – Acquires test results via the USB port and saves in a .csv file which can be viewed in a spreadsheet.

Printer – Allows printing of results including data input by the operator.

Additional weights: 50, 100, 150, 200, 250 grams

Conforms to:

ISO 2060, ISO 2061, ASTM D1422, ASTM D1423.

Key Features

- ✓ Automatic Operation
- ✓ Variable test length 1-50 cm
- ✓ CM or Inches
- ✓ TPM or TPI
- ✓ Data storage and statistics for up to 20 tests
- ✓ External potentiometer for motor speed 50-2500 rpm
- ✓ Black cylindrical support.
- ✓ Includes magnifying glass for examination.

Order Codes:

- DTT:004 Digital Twist Tester without printer
- DTT:005 Digital Twist Tester with integral printer
- DTT:SWR Application software
- DTT:006 Electric Twist Tester
- DTT:007 Manual Twist Tester
- DTT:WGT Additional set of weights.

Dimensions:

1100mm (W), 260mm (D), 280mm (H)

Power Requirements: 0.2 kW