



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.

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.

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

Power: 0.2 kW

Conforms to: ISO 2060, ISO 2061, ASTM D1422, ASTM D1423

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

Test Methods:

The following modes of test are available:

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. Kuenym, H.LE Chatelier and R.A Schutz.

Manual: Motor digitally controlled by the operator.

Key Features

- ✓ Automatic operation
- ✓ Variable test length 1-50cm
- ✓ 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:

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| 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. |