



## 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 2<sup>nd</sup> 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:

- 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.