



Faster and streamlined testing of cotton fineness, micronaire and maturity

The deluxe Wira MK3 Cotton Fibre Fineness and Maturity Meter includes additional features and settings which have significantly reduced the test time whilst the colour touch screen provides a user-friendly interface.

Special Features

- *Elimination of vacuum pump.*
- *Airflow generated by compressed air.*
- *Faster tests.*
- *Pneumatic operation of sample chamber.*
- *10 second dwell time to meet requirements ISO 10306:2014, can be adjusted to further reduce test time.*
- *New test modes.*
- *Increased sample size.*

Test Method

A 4.0 gram clean and opened sample of cotton is placed in the sample chamber. Air is drawn through the sample while electronic sensors measure both the air flow and air pressure.

Measurements are taken at two different compressions and airflow rates, in accordance with international test methods for cotton maturity, from which the fibre fineness (millitex), Micronaire, Maturity% and Maturity ratio can be calculated.

Key Features

- ✓ *Colour Touch Screen*
- ✓ *Automatic testing at two different compression levels*
- ✓ *Direct reading of results*
- ✓ *Automatic calculation of Maturity and Micronaire*
- ✓ *On-board Microprocessor*
- ✓ *Electronic flow and pressure sensors*
- ✓ *RS232 output to PC*
- ✓ *Optional software to capture results and store in spreadsheet format*

Conforms to: BS EN ISO 10306:2014; BS ISO 2403:2014;
ASTM D 1448; ASTM D 3818
Dimensions: 450mm (W), 500mm (D), 320mm (H)
Power Consumption: 200 watts

Order Code: FFM:COT3