

Conforms to:  
BS 3183:1968(1997), ISO 1136, ISO/DR 1245  
IWTO-6-92, IWTO-28-93, ASTM D 1282-89a

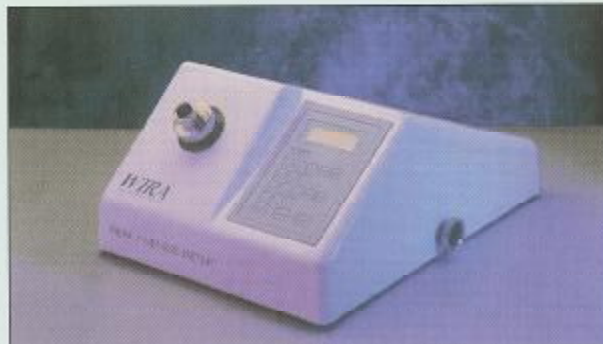
The new WIRA Fibre Fineness Meter has been redesigned to incorporate new innovative features, offering enhanced performance and ease of use, whilst retaining the well proven principles which have made the Wira Fibre Fineness Meter internationally popular.

The new design retains the well proven air flow principle with which the average diameter of wool fibres can be obtained quickly. An on-board microprocessor automatically controls the operation of the instrument and calculates test results for direct reading on a liquid crystal display, and if required, relayed to a printer or PC.

The WIRA Fibre Fineness Meter is a self-contained unit requiring no additional software for operation. However, an optional windows software package is available enabling enhanced data management on a PC with direct connection to the Fibre Fineness Meter.

Results can be automatically stored on the instrument and downloaded at the end of a testing session.

FIBRES AND YARNS



**Order code- FFM:ELW  
WIRA Electronic Fibre  
Fineness Metre**

**NEW!**

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**Method of Testing**

A 2.5g sample of fibres is placed in the sample chamber. Air is drawn through the sample by a vacuum pump supplied with the instrument. Electronic sensors measure both the airflow and the air pressure, from which the fibre diameter is automatically calculated.

**Calibration**

Each meter is calibrated using standard dry-combed tops available from Interwoollabs. Calibration for dry combed tops is carried out in accordance with method 2 in test method IWTO-6-92. For the testing of loose wool core samples, the meter is calibrated using short randomised open fibre, prepared from standard tops following the procedure laid down in test method to IWTO-28-93.

Special calibration is available for the testing of fibres other than wool e.g. cashmere, mohair etc.

Optional temperature and

humidity probe allows automatic recording of lab conditions.

**Features**

- Automatic calculation of values
- Direct reading of results
- Re-designed in accordance to new IWTO recommendations
- On-board Microprocessor
- Ergonomically designed
- Electronic flow and pressure sensors
- 80-character liquid crystal display.
- Soft touch keypad
- RS232 output to printer or PC
- Re-calibration facility included with software.

**Dimensions:**

Width: 400mm

Depth: 560mm

Height: 240mm

Power Consumption: 750 W

**Options:**

PC Windows Software.

Order code - FFM-SOFW

Temperature and humidity probe.

Order code - FFM-PRB

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