



Allows economic testing of fibre strength

The new Wira Single Fibre Strength Machine includes a colour touch screen interface, making the operation even easier.

The device has been designed specifically for measuring the breaking load of single fibres. It is a compact table-top unit with ergonomically positioned controls, which ensure easy operation. The fibres are conveniently held by electromagnetic clamps, which positively grip the fibre at preset test lengths of 10mm or 20mm.

The machine is ideally suited for the assessment of fibre damage during processing and for routine quality control of incoming materials. Its high sensitivity and wide range (0–500g) make it suitable for testing a wide variety of fibre types.

Specifications

Fibre test length: Selectable, 10 or 20mm
Fibre extension (max): 10mm – 680%;
20mm – 290%.
Fibre traverse speed: Selectable, 30, 60, or
120 mm/min.
Fibre strength range: Selectable, 0–20, 0–
200, or 0–500g.
Load indication: Touchscreen Display
Accuracy: Better than 1%.
Fibre clamps: Electromagnetic.



Key Features

- ✓ *Colour Touch Screen*
- ✓ *Economically tests fibre strength*
- ✓ *Ideal for assessing fibre damage and checking incoming materials*
- ✓ *Conforms to International Standards*
- ✓ *Direct digital read-out*
- ✓ *Better than 1% accuracy*
- ✓ *High sensitivity and wide range (0-500g)*

Conforms to: BS EN ISO 5079:1996

Dimensions: 415mm (W) x 355mm (D) x 235mm (H), 14kgs

Power Consumption: 100 W

Order Code: SFS:002