

The WIRA Single Fibre Length Machine is used to measure the lengths of large numbers of single fibres under controlled tension, classifying them into 5mm length groups and registering the number of fibres measured in each group. Thus, using appropriate sampling methods, the device enables mean fibre length and fibre length distribution to be measured at any stage of processing.

Well-known as an aid to quality control, the Fibre Length Machine is used internationally. It conforms with the requirements of the International Wool Textile Organisation and test ISO 6989.

Particularly suited to fibre length determination during fibre and yarn analysis.

All types of fibres up to 300mm long can be measured.

- Gives fibre length distribution at any stage of processing
- Semi-automatic procedure makes operation very easy



- Measures single fibres under controlled tension with accuracy and good reproducibility
- Conforms to ISO and IWTO requirements
- Ideal for fibre length analysis of fabrics & yarns, by dissection

**Conforms to:**  
**ISO 6989:1981 (BS)**  
**IWTO-5-97(Draft)**

*Dimensions:*  
*Width: 580mm*  
*Depth: 220mm*  
*Height: 200*  
*Power consumption: 250W*

**Consumables:**

- *Stainless steel tweezers*  
*Order code SFL:TWE*
- *Detector wires - box of 5*  
*Order code SFL:WIR*