



## Precisely prepare fibre samples and identification under a microscope

### Quick, easy and repeatable results.

The Wira Precision Fibre Microtome produces accurate cross-sectional specimens of fibre for further examination under a microscope.

### Test Method

A degreased bundle of fibre is inserted into the slot on the top of the Microtome. An embedding medium is applied to the bundle and allowed to dry. The Fibre bundle is placed on the ejector and the micrometer wheel is used to determine the required parameters of the precision cut.

### Calibration

On board micrometer determines desired cut specification.



### Features

Used to prepare test specimens for such tests as:

- ✓ *Contour of the fibre*
- ✓ *Thickness of the cuticle layer*
- ✓ *Presence of medulla - if present, its type, shade, contour in relation to that of the fibre, and position in the fibre*
- ✓ *Presence of pigment - if present, its distribution whether it is sparse, dense or in large aggregates, and whether it is most dense near the medulla or near the cuticle or arranged in bi-lateral form*
- ✓ *Dye penetration*

Conforms to: ISO137, BS2043, ASTM D2130, IWTO-8-97, IWS TM24, DIN53811.

Dimensions: 120mm (H), 85mm(Ø), 1.2kg.

Order Code: PFM:001