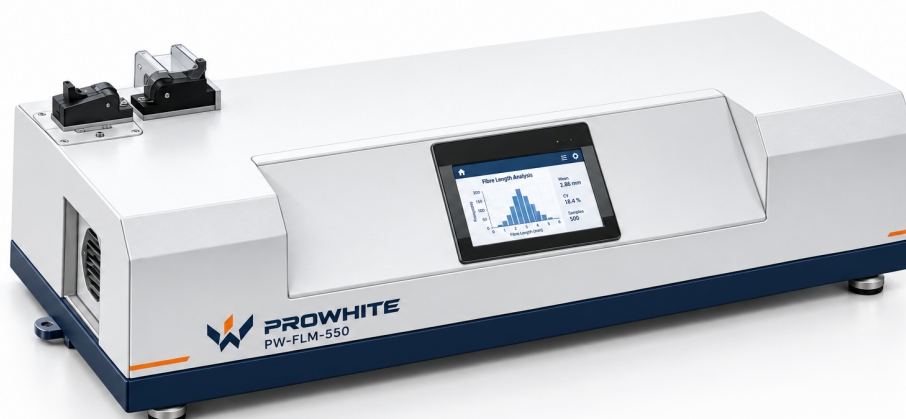


PW-FLM-550

Single-Fibre Length Analyser

Individual fibre length measurement on PROWHITE's compact laboratory platform, with visible specimen positioning and grip-length compensation.



Product visualization; screen content illustrative.

Fibre length capacity	Up to 550 mm
Housing width	803 mm
Housing height	185 mm, excluding jaws
Upper gripping surfaces	Transparent plexiglass
End insertion reference	2.5 mm at each jaw
Grip allowance	5 mm total; included in length calculation
Sample loading	Manual, one fibre at a time

Working principle

Place each fibre end at the 2.5 mm reference mark beneath the transparent upper jaw. Straighten the fibre without stretching it and read its length. The length calculation already includes the combined 5 mm held inside the two jaws; no additional correction is applied to the displayed result.

Method references: ISO 6989:1981

ISO 6989 addresses the length and length distribution of individual staple fibres. Sample preparation, straightening tension and evaluation are selected for the applicable procedure.