

Mechanical Hand-Held Tension Meter | FX2

Features

- Standard roller material is Aluminum, Plastic is optional
- Lightweight, low inertia 32 mm diameter rollers for speeds up to 4000 m/min (K).
- The analog display shows changing and fluctuating tensions fast and enables an optimal process adjustment
- Large bending radius assures gentle handling of the material being measured
- Special finger support located on the rear side reduces the effort to move the outer roller assembly
- Built-in mounting holes permit fixed installation for continuous tension measurement
- Special guides on the bracket assembly permit easy material acquisition



Tension Ranges

Model	Range	Measuring Width Head
FX2-50	10-50g	140 mm
FX2-120	20-120g	140 mm
FX2-400	20-400g	140 mm
FX2-1000	50-1000g	140 mm

Guide Rollers

Order Code	Line Speed $v_{\max}$...m/min	Roller Material
Standard	4000	Hardcoated aluminium
Code -PL	4000	Plastic (PVC) red

Specifications

Accuracy	±1 % full scale or ±1 graduation on scale
Diameter of Scale	41 mm
Temperature Range	10 - 45 °C
Air humidity	85 % RH, max
Housing material	Die-cast aluminium
Housing Dimensions	188 x 85 x 45 mm (LxWxH)