



Quickly measure the tension of warp yarns in weaving.

Fast results with a convenient, compact device.

The compact WTM:003 Warp Tension Meter has been developed to measure the tensile forces in warp threads. The combined forces of a warp of 50 mm in width is measured by a measuring head with a 100mm roller.

The results are shown on a separate display instrument. Storage of AVG, LAST, MIN, MAX, PEAK-MIN, PEAK-MAX tension values during a measuring period can be set by the operator.

Test Method

Swivel the lever towards the handle to move the measuring roller downwards. Hold the measuring head over the yarn group, so that it runs parallel to the measuring feeler and the support rollers. Guide the measuring roller through the yarn, turn the measuring head by 90° and swivel the lever forwards, away from the handle, to move the measuring roller upwards into the measuring position.

Specifications

Measuring Rollers:	2 x 22mm ball bearing mounted rollers, total 50 mm
Width of outer rollers:	100 mm, ball bearing mounted
Frame Height Adjustment:	24 mm
Housing Material:	Anodized Aluminium
Frame Dimensions:	108 x 138 mm
Nominal Weight:	1000 g

Key Features

- ✓ Tension range 5-200 N
- ✓ Portable
- ✓ Easily engaged and disengaged
- ✓ Measure at any point over width of loom
- ✓ 4 memory modes
- ✓ Data storage
- ✓ Electronic damping for stable readings
- ✓ Includes USB connection

Order Code: WTM:003