

Digital Hand-Held Tension Meter | 125-12



7 Ranges

0 - 10g up to 0 - 500g

The Series 125-12 Tension Meters are extremely compact for use on low tension applications where access space is limited. They are offered with ceramic thread guides or precision ball bearing mounted rollers.

High overload protection and optional waterproof design makes this model ideal for all laboratory & production.

Two kinds of ceramic thread guides with a gentle surface and a low coefficient of friction are supplied to each sensor for various measuring tasks:

On the left:

- structured surface (orange peel), especially for flat yarn

On the right:

- polished surface, e.g. for texturized yarn

The optional available, shiftable thread guiding device FFA offers comfortable and smooth threading into the running process.



Features

- Small angle of contact minimizes twisting interference
- Easy to load thread
- Ceramic thread guides provide a surface that is gentle on the threads, making for low friction and even wear at high running speeds

Specifications

Measuring Principle	Capacitive Sensing
Tension Ranges	0-10g, 0-20g, 0-30g, 0-50g, 0-100g, 0-200g, 0-300g, 0-500g
Accuracy	±1.0% or better
Material Deflection	15 Degrees
Thread Guides	Ceramic Pins (Standard) Ball-bearing mounted rollers (optional)
Dimensions	100mm x 25mm diameter



Weight	100 grams
Options	Outer thread guide shifting plate Ball-bearing mounted rollers Splash-proof protection Special thread guide design
Calibration Certificate	Optional

Dimensions

