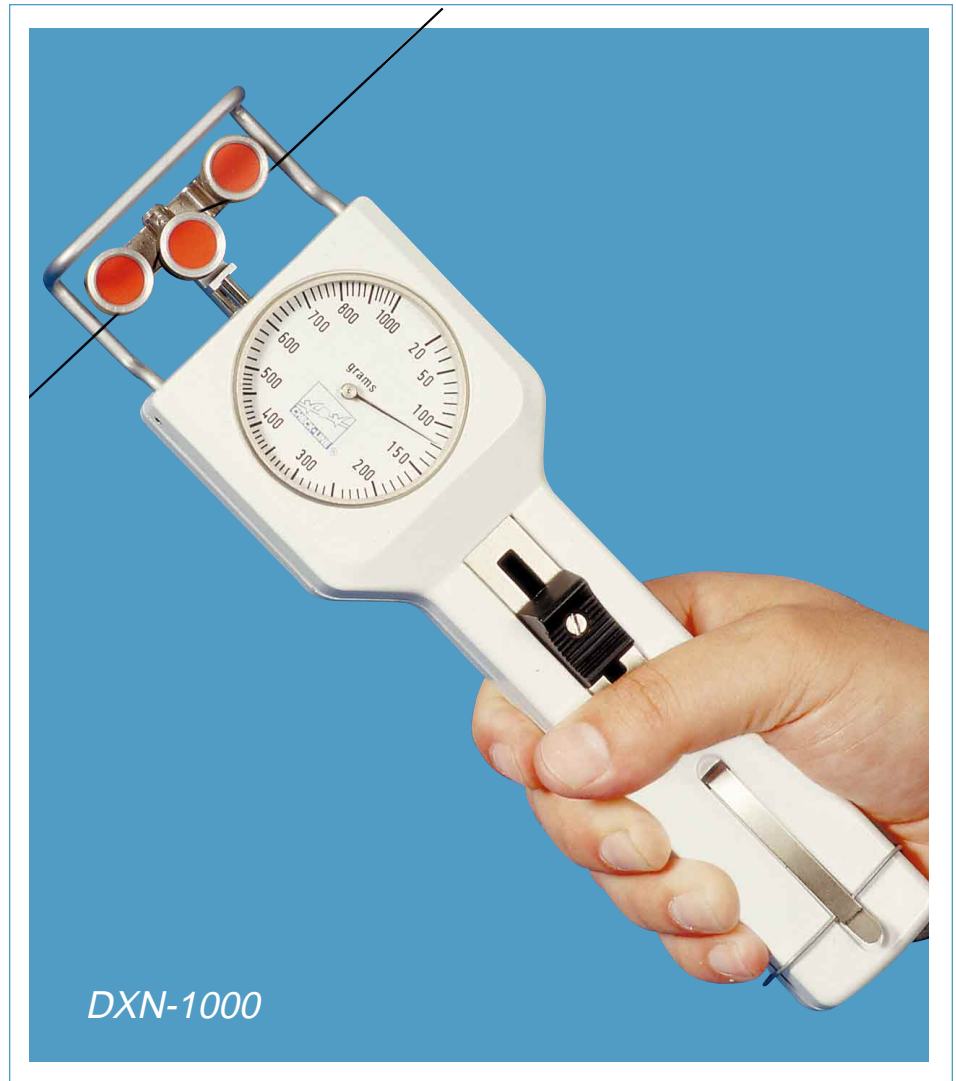


## High Precision TENSION METERS

### DXN Series

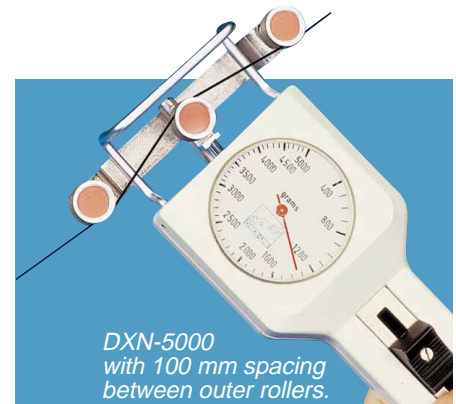
12 ranges, 5–50 g to 5–50 Kg

A new precision movement with high over-load capacity provides highest accuracy and long lasting calibration.



### FEATURES

- A more linear scale for higher reading accuracy over the entire range.
- Material thickness compensation on all high range models.
- Choice of guide rollers for filament speeds up to 5000 m/min.
- DXN's are individually calibrated for highest accuracy.
- Rugged die-cast aluminum housing.
- NIST calibration available.



# DXN Series

## Tension Ranges

Model Prefix	DXN											
Range Code	50	120	200	400	1000	1000 EX	2000	5000	10K	20K	30K*	50K*
Tensions (g)	5-50	10-120	10-200	10-400	20-1000	100-1000	200-2000	400-5000	2-10 Kg	5-20 Kg	5-30 Kg	5-50 Kg

Complete model number includes "DXN" plus range code, e.g., DXN-200.

\*30K and 50K models include lever.

*Special Ranges are available upon request.*

## Options

### Air Damping (A)

An adjustable, precision air dashpot provides steady tension readings for those applications where high tension fluctuations exist.

### Lever (L)

A heavy-duty, lever-operated mechanism moves the outer rollers for easy acquisition of the running filament. Recommended for models of 10 Kg or higher.

### High Speed Rollers

**(K)** For speeds up to 3500 m/min.

**(HS)** For speeds up to 5000 m/min.

## Model Data & Specifications

<b>Accuracy*</b>	± 1% of Full Scale or ± 1 graduation mark on scale	<b>Roller Material (standard)</b>	Hard-coated aluminum,
<b>Diameter of Scale</b>	54 mm (2.13")	<b>" " (optional)</b>	Hardened steel (ST), Ceramic (CE), Phenolic (PH) or
<b>Maximum Speed (standard)</b>	2000 m/min	<b>Housing material</b>	Die-cast aluminum
<b>" " (optional)</b>	3500 m/min (K)	<b>Dimensions</b>	260 x 72 x 44 mm (10.2" x 2.8" x 1.7")
<b>" " "</b>	5000 m/min (HS)	<b>Weight</b>	700 g (1.5 lbs.), approx.
<b>Outer roller distance, c : c</b>			
<b>DXN-30 to DXN-1000 EX</b>	38 mm		
<b>DXN-2000 to DXN-10K</b>	100 mm		
<b>DXN-20K</b>	150 mm		
<b>DXN-30K to DXN-50K</b>	250 mm		

\* Using factory material standards and procedures. Special calibration using customer sample is available.

Specifications subject to change without notice.

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