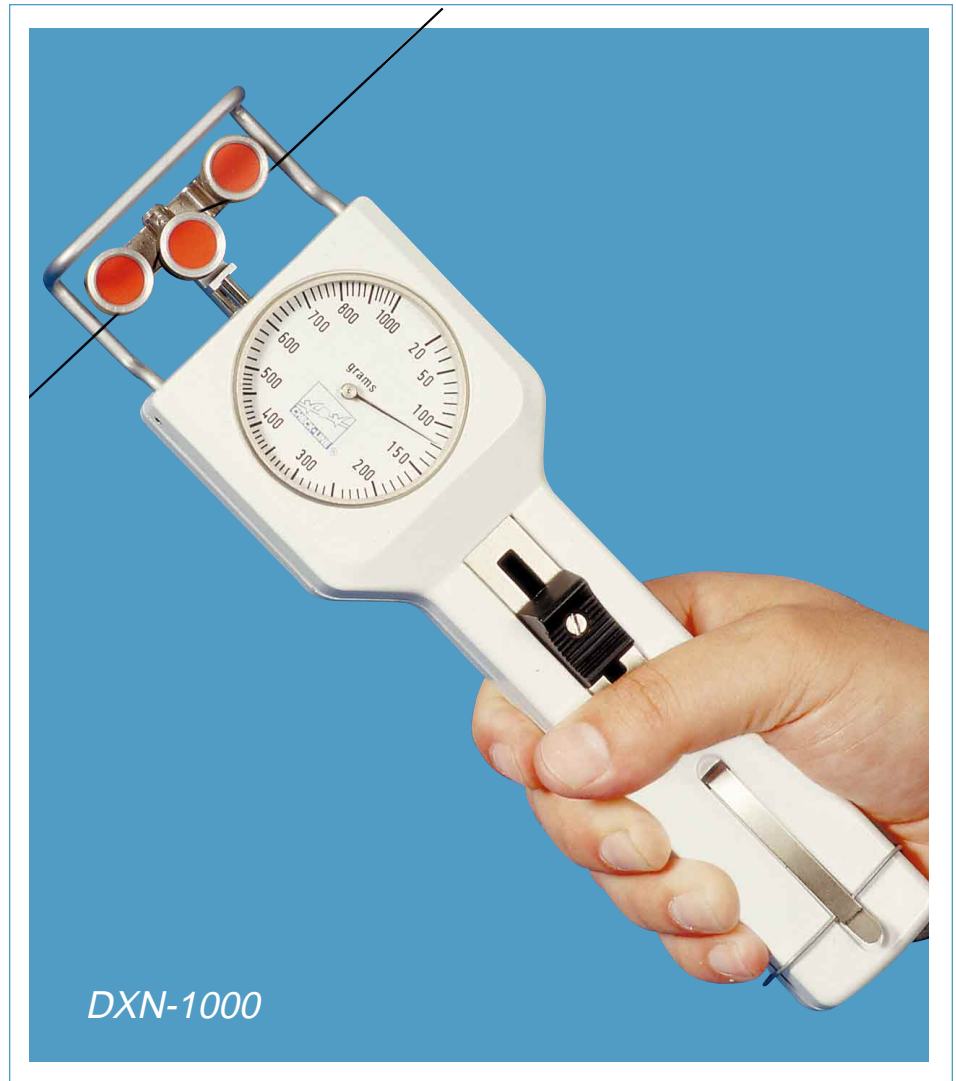


High Precision TENSION METERS

DXN Series

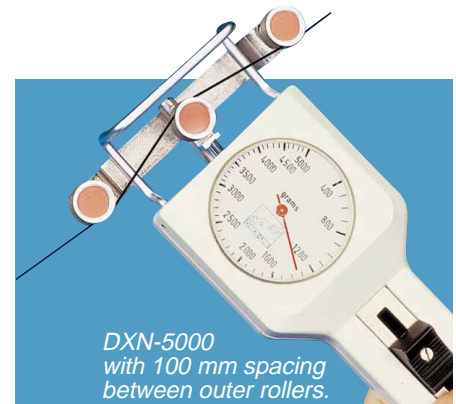
12 ranges, 5–50 g to 5–50 Kg

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	50-1000	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

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