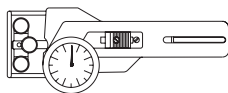




A Hand-Held, mechanical
DX Series



Special purpose tension meter for measuring all kinds of tapes and bands, such as textile ribbons, films, foils, fiber bunches etc.

Special features:

- + Dual-flanged outer guide rollers with various widths, from 7 mm to 100 mm (single-flanged rollers optional)
- + Special calibration is available
- Apart from that the instrument relates to model DX2;
Note: This model does not include a filament guide and material thickness compensator

When selecting the instrument for your specific application, please keep in mind that:

1. Rollers of different widths are not interchangeable by the user
2. The roller width should correspond with the width of the material to be measured. Otherwise incorrect measuring results may occur and the instrument may be damaged

SCHMIDT has the solution to any tension measuring problem! Please contact us to discuss your application requirements.

To assist you in selecting the right tension meter for your specific application, please furnish:

- Kind and dimensions of the material to be measured
- Expected tension range
- Material sample of about 5 m

**1st IN TENSION
METERS
WORLDWIDE®**

Models DXB, DXR, DXT

Guide Rollers

Line Speed
V_{max} ... m/min
Roller Material

→ see page E →

Standard	1000	Hard-coated aluminium (Exception: 7 mm rollers are made of nickel-plated steel)
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Other roller materials (nickel-plated steel or plastic), as well as special coatings (anti-adhesive or carbon fibres - NAV optimized) are available on request.

Optional Accessories

Code A	Air damping (available for Models -400 to -5000) – not available for Model DXR –
Code L	Special lever (Standard for Models -20K and higher) – recommended for -10K Models –
Code M	Memory pointer – not available for DXB-50 and DXT-50 –

Specifications

same as Model DX2 (see page A4)

Special calibration using customer supplied samples is available:
Please supply a sample of at least 5 m in length.

Model DXB

Cylindrical rollers pointing
toward the operator



Model DXB-5000-30

Version with 30 mm tape rollers

Available Models

MODEL	Tension Ranges cN	Measuring Head Width ** mm	Roller Widths mm
DXB-50	10 - 50	55	7
DXB-120	20 - 120	55	7, 10, 15, 20, 30
DXB-200	20 - 200	55	7, 10, 15, 20, 30
DXB-400	20 - 400	55	7, 10, 15, 20, 30
DXB-1000	100 - 1000	55	7, 10, 15, 20, 30, 36, 41, 50
DXB-2000	200 - 2000	117	7, 10, 15, 20, 30, 36, 41, 50
DXB-5000	400 - 5000	117	7, 10, 15, 20, 30, 36, 41, 50
DXB-10K	2.5 - 10 daN	117	7, 10, 15, 20, 30, 36, 41
DXB-20K-L	5 - 20 daN	167	7, 10, 15, 20, 30

Other tension ranges, measuring head widths, and material path calibrations available on request. Other units of measure available – g or kg.

* SCHMIDT calibration material textile ribbon or film,
depending on tension range and roller width

** Outer distance between outside guide rollers