



B.N.C.TOOLING Co.,Ltd.

BNCTOOLING.COM
BNCTOOLINGSHOP.COM

69/90 Hatairat Rd., Minburi ,Minburi Bangkok (Thailand) 10510

SCHMIDT
control instruments

Tension Meter

6 Tension ranges available
from 200 - 2000 cN up to 5 - 50 daN

Tension Meter DXR



Specifications

Calibration:	According to SCHMIDT factory procedure
Accuracy:	±1% full scale or ±1 graduation on scale
Scale diameter:	41 mm
Temperature range:	10 – 45 °C
Air humidity:	85 % RH, max.
Housing material:	Die-cast aluminium
Weight, net (gross):	Approx. 980 g (2200 g)

- Special purpose tension meter for measuring all kinds of tapes and bands, such as textile ribbons, films, foils, fiber bunches, etc. roller width 50 and 100 mm
- Mechanical hand-held instrument with cylindrical tape rollers supported and mounted on both sides
- The tension meter is equipped with both-sided flanged outside guide rollers for better filament guide

Special Features

- The analog display of tension meter DXR shows changing and fluctuating tensions fast and enables an optimal process adjustment
- Tape rollers with contact surface 50 mm or 100 mm are available
- Dual-flanged outer guide rollers with various widths for better filament guide (single-flanged rollers optional, recommendable if the material being measured is wider than the tape roller)
- Roller shifting mechanism ensure easy acquisition of the running material

Standard Features

- Everything in operator's view:
 - the guide rollers
 - the measured material
 - the readings
- Tape rollers, ball-bearing mounted
- Each instrument is individually calibrated for highest accuracy
- 41 mm Ø scale
- Tension meter with rugged aluminium housing
- Certificate of Compliance with the order 2.1 according EN 10204 is included
- Optionally available: Inspection Certificate 3.1 according EN 10204 with calibration report



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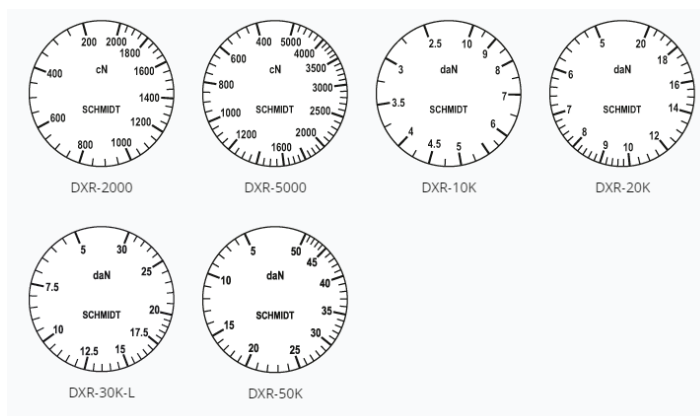
Available Models

Model	Measuring Range*	Measuring Head Width**	Roller Width
DXR-2000	200 – 2000 cN	125 mm	50, 100 mm
DXR-5000	400 – 5000 cN	125 mm	50, 100 mm
DXR-10K-L	2.5 – 10 daN	125 mm	50, 100 mm
DXR-20K-L	5 – 20 daN	200 mm	50, 100 mm
DXR-30K-L	5 – 30 daN	200 mm	50, 100 mm
DXR-50K-L	5 – 50 daN	200 mm	50, 100 mm

Scales

SCHMIDT scales are manufactured according to the most stringent quality requirements. Printed scales are not used. Instead, each scale is individually marked for the instrument involved. This ensures highest quality. Our special procedure makes it possible to provide tension meter DXR

calibrated to custom supplied material
fine tuned to a specific tension range
other units of measure such as g or kg



Dimensions

