



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

BNCTOOLING.COM
BNCTOOLINGSHOP.COM

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

SCHMIDT
control instruments

Tension Meter

9 Tension ranges available
from 10 - 50 cN up to 5 - 20 daN

Tension Meter DXB



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. 520 g (1300 g)

- Special purpose tension meter for measuring all kinds of tapes and bands, such as textile ribbons, films, foils, fiber bunches, etc.
- Hand-held mechanical instrument with cylindrical tape rollers (width max. 50 mm) pointing towards the operator
- The tension meter is equipped with both-sided flanged outside guide rollers for better filament guide

Special Features

- The analog display of tension meter DXB shows changing and fluctuating tensions fast and enables an optimal process adjustment
- Tape rollers with contact surface from 7 mm up to 50 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)
- Tension meter with roller shifting mechanism for easy acquisition of the running material
- Built-in mounting holes permit fixed installation for continuous tension measurement
- Special finger support located on the rear side reduces the effort to move the outer roller assembly

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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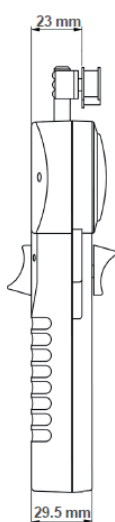
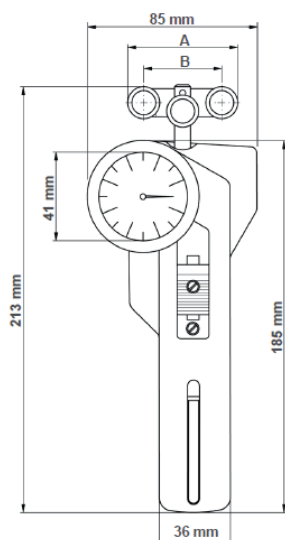
Available Models

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

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



Model	A	B
DXB-50		
DXB-120		
DXB-200	55 mm	38 mm
DXB-400		
DXB-1000		
DXB-2000		
DXB-5000	117 mm	100 mm
DXB-10K		

Dimensions

