



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

BNCTOOLING.COM
BNCTOOLINGSHOP.COM

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

SCHMIDT
control instruments

Tension Meter

4 Tension ranges available
from 20 - 120 cN up to 50 - 1000 cN

Tension Meter DXF

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. 500 g (1000 g)



- Mechanical tension meter with large guide rollers (32 mm groove diameter) and large center distance to minimize bending of material
- Hand-held instrument for sensitive material as optical fibres, carbon fibres, technical fibres etc up to 1.5 mm Ø
- Tension meter with special guides on the bracket assembly for easy thread

Special Features

- The analog display of tension meter DXF shows changing and fluctuating tensions fast and enables an optimal process adjustment
- Large bending radius assures gentle handling of the material being measured
- Roller shifting mechanism ensure easy acquisition of the running material
- Special guides on the bracket assembly permit easy material acquisition
- 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
- Large, V-grooved guide rollers with 32 mm groove diameter, 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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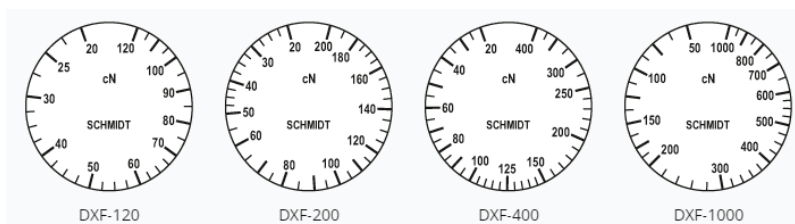
Available Models

Model	Measuring Range	Measuring Head Width*	SCHMIDT Calibration Material**
DXF-120	20 – 120 cN	140 mm	PA: 0.12 mm Ø
DXF-200	20 – 200 cN	140 mm	PA: 0.12 mm Ø
DXF-400	20 – 400 cN	140 mm	PA: 0.20 mm Ø
DXF-1000	50 – 1000 cN	140 mm	PA: 0.30 mm Ø

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 DXF

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



Dimensions

