



Tension Meter

3 Tension ranges available
from 50 - 2000 cN up to 200 - 4000 cN

Tension Meter DX2-EDM

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. 470 g (1000 g)

- Mechanical tension meter for all current wire EDM machines with wire diameter up to approx. 0.25 mm
- Most popular tension meter for wire EDM machines worldwide
- For ideal wire tension to increase the accuracy of produced workparts and to optimize the machine delay

Special Features

- The analog display of tension meter DX2-EDM enables an optimal process adjustment
- Easy to operate
- Roller shifting mechanism ensure easy acquisition of the running material
- Hand-held unit with 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
- Ball-bearing mounted, V-grooved guide rollers
- 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

Available Models

Model	Measuring Range	Measuring Head Width*	SCHMIDT Calibration Material **
DX2-2000-EDM	50 – 2000 cN	91 mm	PA: 0.30 mm Ø
DX2-3000-EDM	100 – 3000 cN	91 mm	PA: 0.30 mm Ø
DX2-4000-EDM	200 – 4000 cN	116 mm	PA: 0.40 mm Ø



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SCHMIDT
control instruments

Tension Meter

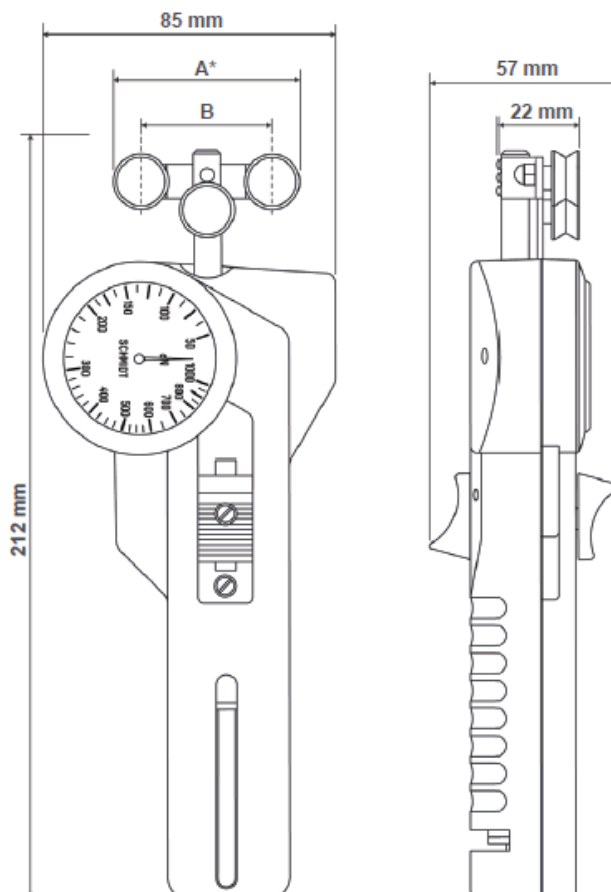
Scales

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 DX2-EDM

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



Dimensions



*The measuring head width is depending on the outer distance between the outside guide rollers

Model	A	B
DX2-2000-EDM	approx. 91 mm	75 mm
DX2-3000-EDM		
DX2-4000-EDM	approx. 116 mm	100 mm