



Tension Meter



7 Tension ranges available
from 1 - 5 cN up to 10 - 100 cN

Tension Meter ZF2

Specifications

Calibration:	According to SCHMIDT factory procedure
Accuracy:	±1 % full scale or ±1 graduation on scale
Scale diameter:	54 mm
Temperature range:	10 – 45 °C
Air humidity:	85 % RH, max.
Housing material:	Plastic (POM)
Weight, net (gross):	Approx. 200 g (Approx. 600 g)

- Economical mechanical tension meter for checking fibres, threads and fine wires with low tensions up to max. 100 cN
- Most popular tension meter in the textile industry with analog display for low tensions
- Slim filament guide with small guide rollers for limited access space

Special Features

- The analog display of tension meter ZF2 shows changing and fluctuating tensions fast and enables an optimal process adjustment
- Filament guide and roller shifting mechanism ensure easy acquisition of the running material
- Large, easy to read scale (54 mm Ø)
- Light weight

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
- Housing made of high-strength plastic
- Certificate of Compliance with the order 2.1 according DIN EN 10204 is included
- Optionally available: Inspection Certificate 3.1 according DIN EN 10204 with calibration report

Available Models

Model	Tension Range	Measuring Head Width*	SCHMIDT Calibration Material**
ZF2-5	1 – 5 cN	43 mm	thread: 25 tex
ZF2-10	1 – 10 cN	43 mm	thread: 25 tex
ZF2-12	1 – 12 cN	43 mm	thread: 25 tex
ZF2-20	2 – 20 cN	43 mm	thread: 25 tex
ZF2-30	3 – 30 cN	43 mm	PA: 0.12 mm Ø
ZF2-50	5 – 50 cN	43 mm	PA: 0.12 mm Ø
ZF2-100	10 – 100 cN	43 mm	PA: 0.12 mm Ø

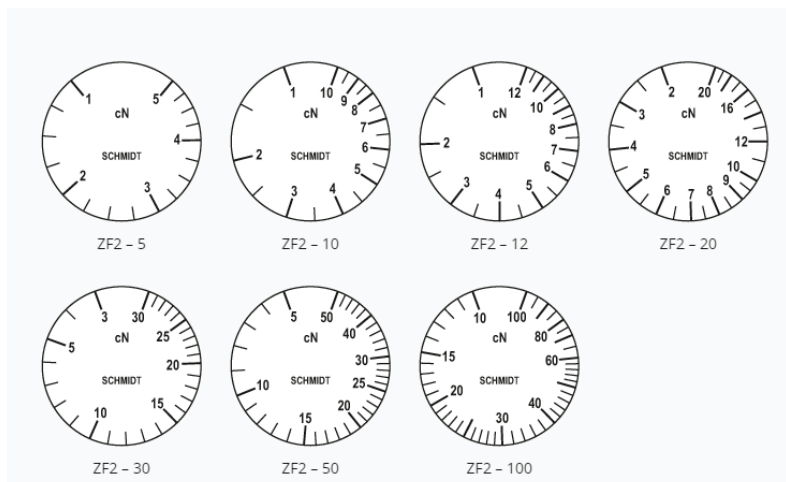


Tension Meter

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 ZF2

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



Dimensions

