





Z SERIES

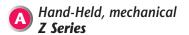
Economical low tension measuring instruments for checking fibers, yarns and fine wires



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Model ZF2

Most popular tension meter in the textile industry with small rollers!

sion Range	Measuri	ing Jidth* SCHMIDT SCHIbration Material** Calibration
cN cN	Head	Calibration
1-5	43	Filament: 25 tex
1 - 10	43	Filament: 25 tex
1 - 12	43	Filament: 25 tex
2-20	43	Filament: 25 tex
3-30	43	PA: 0.12 mm Ø
5-50	43	PA: 0.12 mm Ø
10-100	43	PA: 0.12 mm Ø
	1-5 1-10 1-12 2-20 3-30 5-50	1-5 43 1-10 43 1-12 43 2-20 43 3-30 43 5-50 43

Other tension ranges available on request. Other units of measure available, such as g.

^{**} Suitable for 95% of applications (see also chart on page 11) PA = Polyamide Monofilament

Guide Rollers	Line Spe	ed min Material Roller Material	→ see pageF →
V-grooved	v max.	Roller	
Standard	900	Hard-coated aluminium)
Code K	2000	Hard-coated aluminium	1
Code T	450	Plastic (POM) black	
Code W	450	Nickel-plated steel	

specifications	ZrZ Series
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)
Housing dimensions:	157 x 85 x 32 mm (LxWxH)
Weight, net (gross):	approx. 200 g (600 g)

Special calibration using customer supplied samples is available: Please supply a sample of at least 5 m in length.

Model ZD2

Universal tension meter for a variety of applications in the textile and wire industries

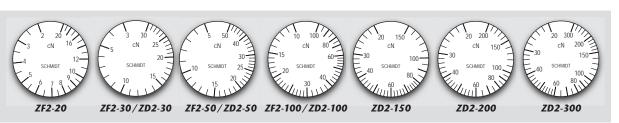
Available Models	Tension Range	Measur Head V	ing. Vidth* SCHMIDT SCHIbration Material** Calibration
MODEL	Tensie CN	mm	SCHIPration.
ZD2-30	3-30	63	PA: 0.12 mm Ø
ZD2-50	5-50	63	PA: 0.12 mm Ø
ZD2-100	10-100	63	PA: 0.12 mm Ø
ZD2-150	20-150	63	PA: 0.12 mm Ø
ZD2-200	20-200	63	PA: 0.12 mm Ø
ZD2-300	20-300	63	PA: 0.20 mm Ø
0.1		. 0.1	

Other tension ranges available on request. Other units of measure available, such as g.

- Width of filament guide
- ** Suitable for 95 % of applications (see also chart on page 11) PA = Polyamide Monofilament

Guide Rollers	line spe	$\underset{\text{Roller Material}}{\text{ed}} \xrightarrow{\text{Material}} \Rightarrow \text{see page } F \Rightarrow$
V-grooved	vmax.	Roller
Standard	2000	Hard-coated aluminium
Code K	3500	Hard-coated aluminium
Code H	5000	Plasma-coated aluminium
		(for Model ZD2-100 and higher ranges)
Code T	1000	Plastic (POM) black
Code W	1000	Nickel-plated steel
Code ST	1000	Hardened steel
Code CE 2	1000	Aluminium ceramic-coated

Specifications	ZD2 Series
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)
Housing dimensions:	157 x 85 x 32 mm (LxWxH)
Weight, net (gross):	approx. 220 g (620 g)
Temperature range: Air humidity: Housing material: Housing dimensions:	54 mm 10 - 45 °C 85 % RH, max. Plastic (POM) 157 x 85 x 32 mm (LxWxH)



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 meters fine tuned to a specific tension range, or calibrated to custom supplied material, or units of measure such as g.

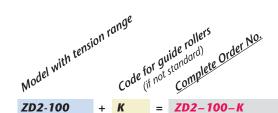
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To place an order please indicate the complete model number, e.g.:



Width of filament guide