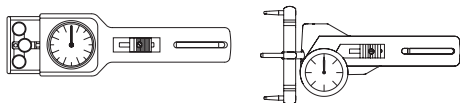




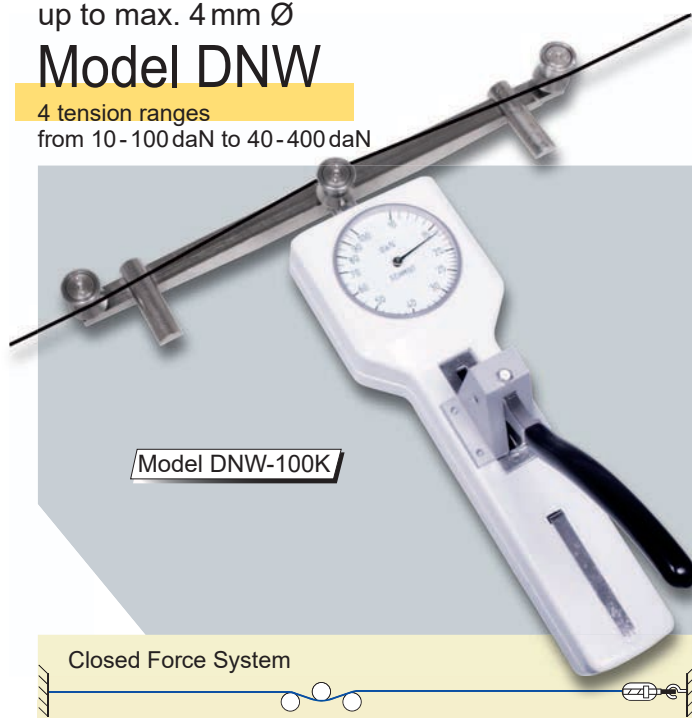
A Hand-Held, mechanical



Tension meter for measuring pretensioned ropes up to max. 4 mm Ø

Model DNW

4 tension ranges
from 10 - 100 daN to 40 - 400 daN



Model DNW-100K

Closed Force System

Special features:

- + Can be used only for pretensioned, non-moving ropes
- + Calibration is done using a closed force system
- + Due to the material path the max. error is approx. 3% FS (full scale)
- + Special lever reduces the force to extend outer rollers to capture the material to be measured
- Apart from that the instrument relates to model DN1, but no thickness compensator

Available Models	Tension Ranges daN	Measuring Head Width* mm	SCHMIDT Calibration Material**
MODEL			
DNW-100K	10 - 100	265	steel rope 2 mm Ø
DNW-200K	20 - 200	265	steel rope 2 mm Ø
DNW-300K	30 - 300	265	steel rope 3 mm Ø
DNW-400K	40 - 400	265	steel rope 4 mm Ø

* Outer distance between outside guide rollers

** SCHMIDT calibration material twisted steel rope

Guide Rollers

Asymmetrical Groove

Standard

Roller Material

Tempered steel

→ see page E →

Tension meter for measuring pretensioned ropes, wires etc., up to max. 2 mm Ø

Model DXH

3 tension ranges
from 400 - 5000 cN to 5 - 20 daN



Model DXH-10K

Special features:

- + Fixed hooks as guide pins
- + Useable for application areas with limited access space
- + Calibration is done in an open force system using a free hanging weight
- + If the instrument is used in a closed force system the accuracy is worse, depending on the fixing length
- Apart from that the instrument relates to model DX2, but no thickness compensator

Available Models	Tension Ranges cN	Measuring Head Width mm	SCHMIDT Calibration Material*
MODEL			
DXH-5000	400 - 5000	116	PA: 0.8 mm Ø
DXH-10K	2.5 - 10 daN	116	PA: 1.0 mm Ø
DXH-20K-L	5 - 20 daN	116	PA: 1.5 mm Ø

Other tension ranges and measuring head widths on request.

Other units of measure available – g or kg.

** SCHMIDT calibration material Polyamide Monofilament PA (see chart on page 11)

