



**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 10 - 100 daN up to 40 - 400 daN

### ***Tension Meter DNW***



### Specifications

Calibration:	According to SCHMIDT factory procedure
Accuracy:	$\pm 3$ % full scale or $\pm 1$ graduation on scale
Scale diameter:	54 mm
Temperature range:	10 – 45 °C
Air humidity:	85 % RH, max.
Housing material:	Die-cast aluminium
Weight, net (gross):	Approx. 1100 g (approx. 2400 g)

- Rugged mechanical tension meter for measuring pretensioned ropes up to  $\varnothing$  4 mm
- Hand-held instrument for tension ranges up to max. 400 daN
- Tension meter with large, easy to read scale

### Special Features

- Tension meter DNW 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
- Tension meter with large, easy to read scale (54 mm  $\varnothing$ )
- Linearized scale provides a better reading
- Tension meter with shock-resistant movement
- Special guides on the bracket assembly and roller shifting mechanism ensure easy acquisition of the material

### 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
- Special calibration is available
- 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



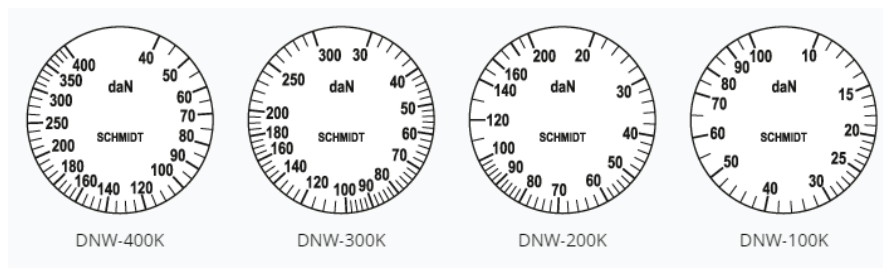
## Available Models

Model	Measuring Range	Measuring Head Width*	SCHMIDT Calibration Material**
<b>DNW-100K</b>	10 – 100 daN	265 mm	steel rope 2 mm Ø
<b>DNW-200K</b>	20 – 200 daN	265 mm	steel rope 2 mm Ø
<b>DNW-300K</b>	30 – 300 daN	265 mm	steel rope 3 mm Ø
<b>DNW-400K</b>	40 – 400 daN	265 mm	steel rope 4 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 DNW

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



## Dimensions

