



**B.N.C.TOOLING Co.,Ltd.**

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## Tension Meter

3 Tension ranges available  
from 10 - 50 cN up to 50 - 400 cN

### ***Tension Meter MKM***

#### Specifications

Calibration:	According SCHMIDT factory procedure
Accuracy:	$\pm 1$ % full scale or $\pm 1$ graduation on scale
Scale diameter:	41 mm
Temperature range:	10 – 45 °C
Air humidity:	85 % RH, max.
Power supply:	Take-up wheel: 9 V rechargeable battery with integrated charging electronics with AC adapter 100 – 240 V DC with 4 country adapters (EU, USA, UK, AUS-NZ)
Take-up speed:	~ 15 m/min (MKM-50, MKM-100) ~ 8 m/min (MKM-400)
Housing material:	Tension meter: Plastic (Makrolon) Take-up wheel: aluminium
Weight, net (gross):	Approx. 650 g (1250 g)



- Mechanical tension meter with motorized take-up wheel.
- Consequently e. g. yarn brakes can be adjusted under similar conditions (take-up speed).  
Especially convenient for creel bobbins and sewing machines.
- The tension meter is suitable for left or right hand use by two-sided mountable handle
- Motorized hand-held unit with take-up speed ~ 8 m/min respectively ~ 15 m/min

#### Special Features

- The analog display shows changing and fluctuating tensions fast and enables an optimal process adjustment
- Motorized tension meter MKM (take-up speed ~ 8 m/min for MKM-400, respectively 15 m/min for MKM-50 and MKM-100)
- Take-up wheel with built-in tension meter model MK
- Handle can be reversed, for left or right hand use depending on application
- Battery operated

#### Standard Features

- V-grooved, ball-bearing mounted guide rollers
- Each instrument is individually calibrated for highest accuracy
- Scale 41 mm Ø
- Power supply: 9 V rechargeable Li-Ion battery with integrated charging electronics
- Optionally available: Inspection Certificate 3.1 according EN 10204
- Certificate of Compliance with the order 2.1 according EN 10204 is included



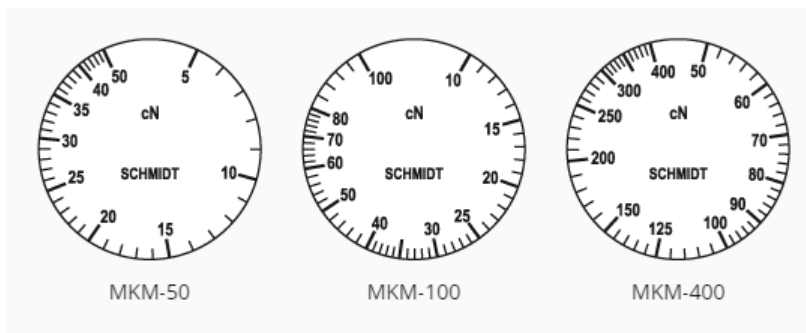
## Available Models

Model	Measuring Range	Take-up Speed	SCHMIDT Calibration *
<b>MKM-50</b>	10 – 50 cN	15 m/min	PA: 0.12 mm Ø
<b>MKM-100</b>	10 – 100 cN	15 m/min	PA: 0.12 mm Ø
<b>MKM-400</b>	50 – 400 cN	8 m/min	PA: 0.20 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 MKM

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



## Dimensions

