

RTM SERIES

Tension range from 10 - 800 Hz

Belt tension meter (Trummeter) to determine the static tension of flat, V and ribbed belts or pretensioned ropes

Special features:

- + The readings can be displayed as frequency (Hz) or strand force (N or lbf)
- + The belt tension meter includes a display unit as well as a plug in probe for one-hand operation and a probe with cable for limited access space
- + Measuring principle: red LED light source to determine vibration in Hz
- + Readings unaffected by nearby magnetic fields or noise
- + For determining the spring force in Newton, 2 parameters are needed. Thereby the following restrictions are obtained:
 - free strand length 9.99 m
 - belt mass up to 9.999 kg/m
- + Display menu in several user selectable languages
- + Manufacturer's Calibration Report is included

Standard features:

- Battery operated
- Easy and save operation
- Rugged, compact plastic housing
- Microprocessor controlled
- Measurement with highest precision

Available Models

MODEL

Measuring Range
CN

RTM-400 10-800 Hz

Specifications

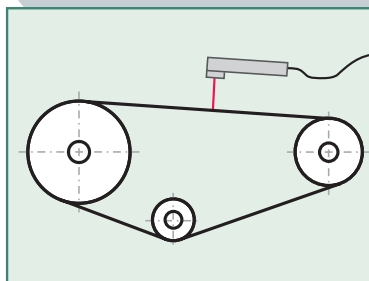
Measuring range:	10-800 Hz
Indicator error:	± 1 Hz
Total error:	< 5 %
Display:	LCD
Measuring units:	N or lb, Hz
Sensing distance:	3 - 20 mm (recommended)
Temperature ranges:	+10 °C up to +50 °C
Power supply:	9V battery
Housing:	Plastic (ABS)
Dimensions:	126 x 80 x 37 (LxWxH)
Weight, net (gross):	Approx. 170 g (660 g)

With Plug in probe for one-hand operation and probe with cable for limited access space

Model RTM-400



CE



The instrument measures the natural frequency of a taut belt and displays the frequency in Hertz or tension in Newton. For measuring the non-moving belt must be tapped to oscillate.