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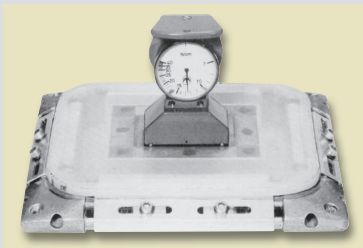
Tension meters for special applications

Series FT

Synthetic mesh always loses tension in time. Correct mesh tension is one of the most important conditions for accurate, reproducible and high quality screen printing.

Special features:

- + To be used for synthetic and steel meshes
- + Warpwise or weftwise measuring is possible
- + 2 adjustable markers to set limits (MIN, MAX)
- + Protected precision dial gauge
- + Measuring range 6 - 50 N/cm
- + Depth of indentation max. 1 mm
- + Measuring force 2.1 - 3.0 N
- + according DIN EN 16611



Model FT

Series TEN

For measuring tension of fibers and filaments only.

Special features:

- + Compact mechanical tension meter with 2 rollers
- + 11 measuring ranges up to 170 g (cN)



Series RTM

For measuring the static tension of transmission belts as e.g. timing or vee belts. The instrument measures the frequency of a taut belt and displays the frequency in Hertz or tension in Newton. For measuring the static belt has to be tapped to oscillate.

Special features:

- + Hand-held instrument
- + 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
- + 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
- + Measuring range 10 - 800 Hz
- + Display error ± 1 Hz
- + Total error < 5 %
- + Battery operated
- + Rugged plastic housing
- + Microprocessor controlled belt tension meter
- + Multilingual operator guidance and display



Model RTM

Series SY

For measuring the tension of overhead lines, tensioning ropes, aerials etc.

Measuring principle:

With the outer rolls, the device will be hooked into the strained rope. With a knurled screw, the middle roll will be brought in the measuring position to press with a constant force towards the rope. The generated deflection is displayed on a dial indicator. The measuring result has to be converted from mm reading to the corresponding force in daN by using a conversion chart.

Special features:

- + for ropes diameter up to 20 mm
- + large scale (100 mm \varnothing)



Subject to change without notice.