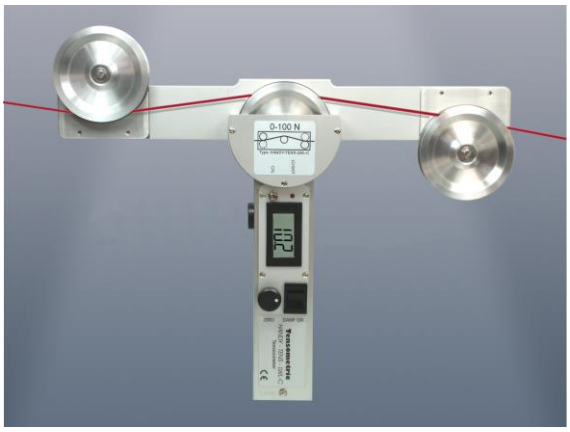
Electronic Tensionmeter HANDY- Tens - LWL

HANDY – TENS – LWL

HANDY – TENS – LWL - C



Description:	Electronic tensionmeter, battery-operated, for short-time measurement. Designed as handheld unit for measuring inflexible materials. The large-sized rollers protect damageable materials against bending. Direct reading of measured value on the digital display. Easy threading into running material.
Application:	Measuring tensile forces of optic-fibres, carbon-fibres and other materials damageale by bending.
Nominal loads:	***Handy - Tens-LWL:*** 0 - 1999 cN, solution: 1 cN steps ***Handy - Tens-LWL - C:*** 0 – 100,0 N, solution: 0,1 N steps
Overload protection:	≥ 500 %
Display:	digital LCD - display, 3 ½ digits, height 10 mm, 3 measurements / sec.
Peak value display:	OPTION: At the push of a button only peak values are indicated.
HOLD- function:	At the push of a button the last-indicated value is hold
Material guiding:	three smooth-running aluminium rollers on bearings Ø 50 mm with V-shaped bottom of the groove
Calibration:	factory calibrated, can be done and controlled at any time, by the customer himself
Meas. Error:	< 1% - in measuring-range from 0 up to the calibration-point.
Zero:	easy adjustment by means of a turning knob.
Damping:	A damping can be switched on for smooth measurement value indication in case of fluctuant tensile tensions.
Power-supply:	9 V battery, type 6LR61, Operating time approx. 75 hours with an alkaline battery
Battery-control:	Control lamp
Housing:	aluminium – alloy *Weight:* 500 grams
Included in delivery:	Handy – Tens - LWL with case, instruction manual, battery 9V
Available in addition:	Rechargeable battery 9V, with charging device

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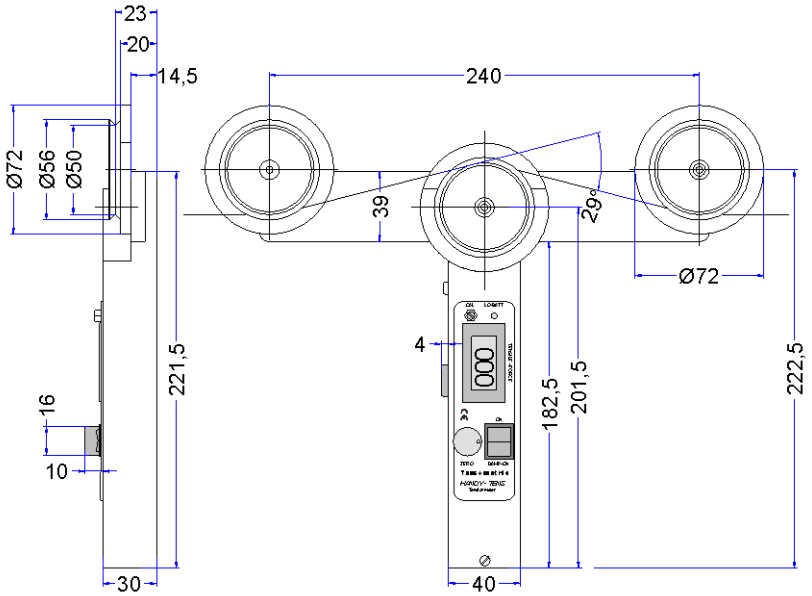
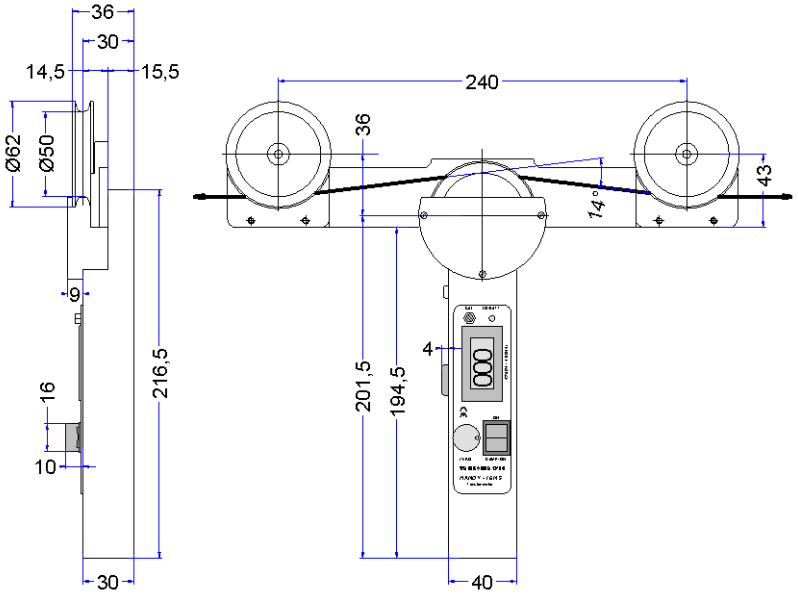
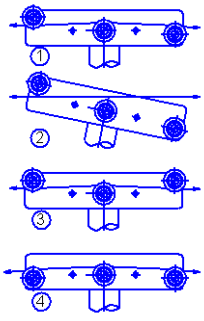
Dimensions Handy-Tens-LWL:



Dimensions Handy-Tens-LWL-C:



3 different roller guides can be adjusted:



1) Especially usable for measurement by hand. It offers an easy threading.

2) Simply turn the sensor to position 1)..

3) favoured guide the material if fixed in the machine.
There is no difference between run-in and run-out for the material which is measured.

4) favoured guide the material if fixed in the machine.
An alteration of the diameter of the material does not influence the measuring-values.

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