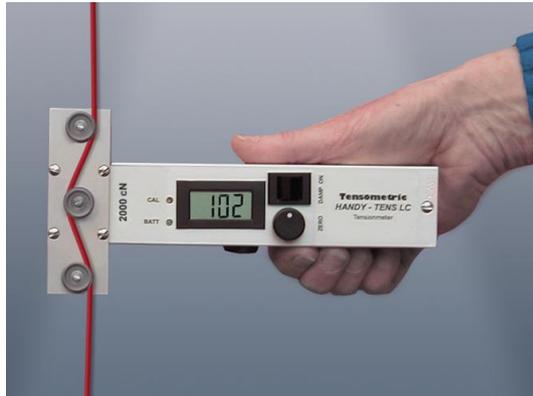


**Electronic Tensionmeter HANDY - TENS - LC**

HANDY- TENS- LC

figure 1



HANDY- TENS- LC

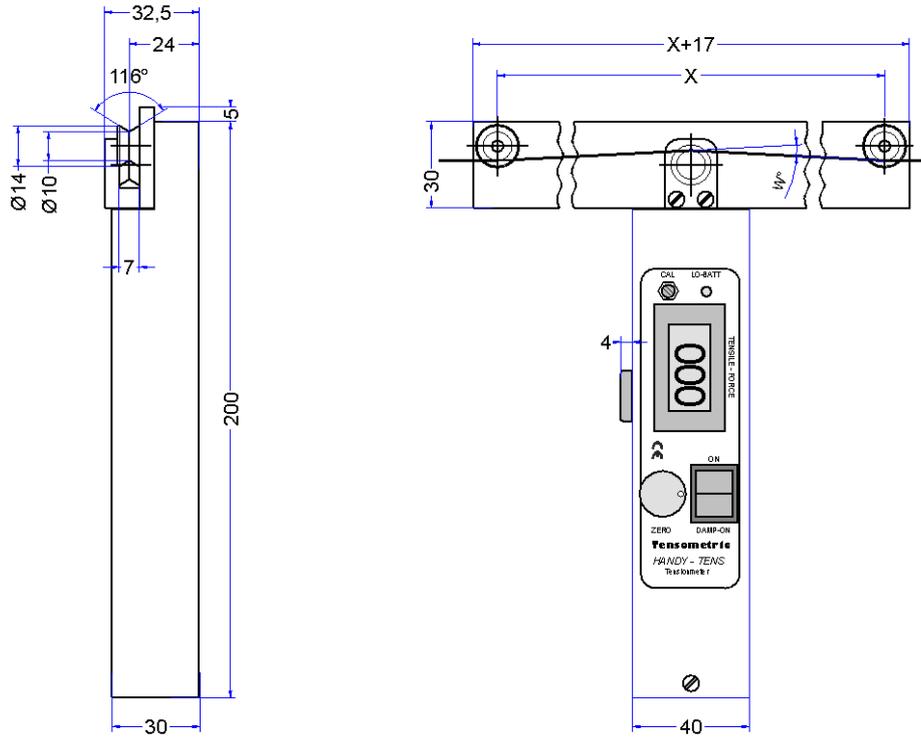
figure 2



- Description:** Electronic tensionmeter, battery-operated, for short-time measurement. Small and handy instrument for one hand operation. Direct read out of the measured values. Easy threading into running material.
- Application:** for measuring tension on: thin and stranded wire, textile material, tapes
- Nominal loads:**
- |  |  |          |
|--|--|----------|
| <b>Type 20 N ( 2000 cN )</b>                                     | <b>solution: 0,01 N ( 1 cN ) steps</b> |          |
| Type 20N-1: distance between the outer guide-rollers: X = 63 mm  |  | figure 1 |
| Type 20N-2: distance between the outer guide-rollers: X = 133 mm |  | figure 2 |
| For measuring flexible wire up to diameter 0,5 mm                |  |          |
| <b>Type 100N</b>   | <b>solution: 0,1 N ( 10 cN ) steps</b> |          |
| distance between the outer guide rollers : X = 133 mm            |  | figure 2 |
- Overload protection:**  $\geq 500 \%$
- 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 aluminium-rollers running with double-ball-bearings  $\varnothing 10$  mm
- Options:**
- three aluminium-rollers running with double-ball-bearings  $\varnothing 10$  mm, ceramic coated
  - For material-speed up to 2200 m/min
  - steel rollers or rollers for tapes or others upon request
- Calibration:** factory calibrated, can be done and controled at any time, by the customer himself
- 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, battery control by lamp. Operating time approx. 75 hours with an alkaline battery
- Housing:** aluminium – alloy *Weight:* 300 grams
- Included in delivery:** *Handy – Tens* with plastic case, instruction-manual, 9 V battery
- Available in addition:** Rechargeable battery 9V, with charging device

**Dimensions Handy-Tens-LC:**

figure 3



**Dimensions Handy-Tens-LC: Rollers for tapes:**

figure 4

