

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:

Type 20 N (2000 cN) solution: 0,01 N (1 cN) steps

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

Type 100N solution: 0,1 N (10 cN) steps

distance between the outer guide rollers : X = 133 mm

figure 2

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 aluminium-rollers running with double-ball-bearings Ø 10 mm

Options:

- three aluminium-rollers running with double-ball-bearings Ø 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

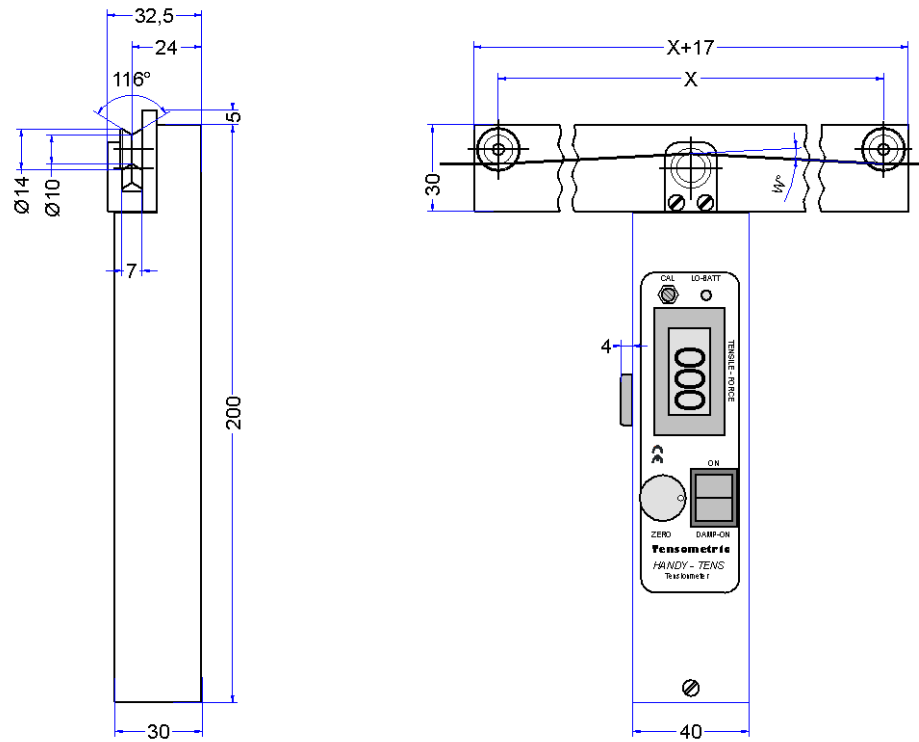

Dimensions Handy-Tens-LC: Rollers for tapes:

figure 4

