

TENSION METER

ELECTRONIC MANUAL TENSION -METER

- **Set to zero** by pressing button <C>;
- Fast measuring head (600 Hz and more).
- USB 2.0 PC communication with full measuring speed.

- Metal guide protection for pins and easy yarn
- **P** for Ceramic pins.



- FDY or POY flat yarn and twisted yarn by high speed.

- ♣ Ceramic pins for line speeds up to 6000 m/min
- ♣ Standard communication and online data acquisition over USB 2.0 connection.
- ♣ Online Tension Star Software for data collection and analyses.

Measuring range

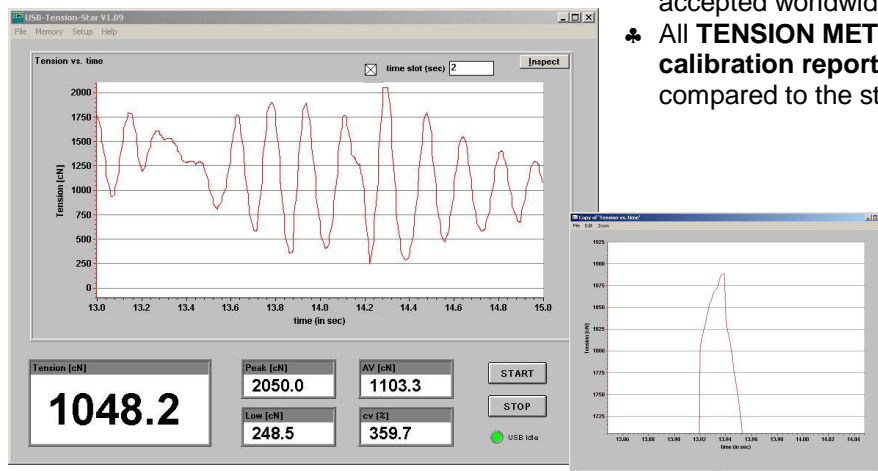
0.1 50 cN

0.1 100 cN

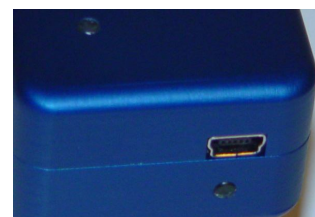
0.1 200 cN

0.1 400 cN

Tension Star Software Zoom, Save, Print, Setup Function



- ♣ The low power consumption ensures 32 and more hours of continuous operation with one battery load;
- ♣ The **TENSION METER** is flexible and user-friendly;
- ♣ Measurements are comparable over the years and with different **TENSION METER** a standard which is accepted worldwide;
- ♣ All **TENSION METER** will be delivered with a specific **calibration report** which shows the measured values compared to the standards



- ⇒ Quick data transfer over USB plug.
- ⇒ Charger and USB cable included

Netweight: 426 Gramm



Technical data

Measuring range:	up to 400 cN
Dissolution:	0.1 cN
Accuracy:	+/- 1% = (1 - rated value / Indication) x 100
Display:	LCD Graphic Display
Measuring frequency:	1kHz = 1000 measurments per second
Idication:	Stadart 0 = 120 Hz value indication; Selctable damping up to 15 Seconds. Battery low. Sleep mode
Measuring mode:	direct mode
Memory:	MEM ory 00 up to 99 number AV Scatter value , Peak , Low , cv% and time channel.
Digital outlet:	USB 2.0 connection for online measuring and setup data transfer.
Consumption:	0.16 W
Power source:	6 AAA 1.2 Volt ACCU
Enclosed:	Carring case, Manual and test report, TensionStar Software for

Model: TS 205 R
same instrument as TS 205 P only 2
outer roller and center ceramic pin.

- ♣ Sleep mode setting
- ♣ Setup lock over USB plug. Make instrument setup invisible.
- ♣ Gain setting at all curves 1 ... 8. Factory/ Origin is fix and not changeble.
- ♣ View direction setting for your view at the display.
- ♣ Display darkness settings.
- ♣ Start window text 5 second visible mark of the instrument name.

