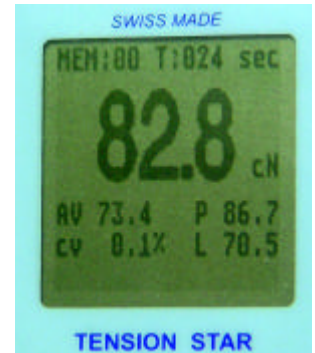


## TENSION STAR TS 205 P

### ELECTRONIC HAND HELD TENSION METER

- ♣ **Automatik** zero. Zero setting by push C in all positions.
- ♣ Fast measuring head (600 Hz and more).
- ♣ USB 2.0 PC Connection with full measuring speed.
- ♣ Metal guide protection for Pins and easy yarn catch.
- ♣ **P** for Ceramic pins.

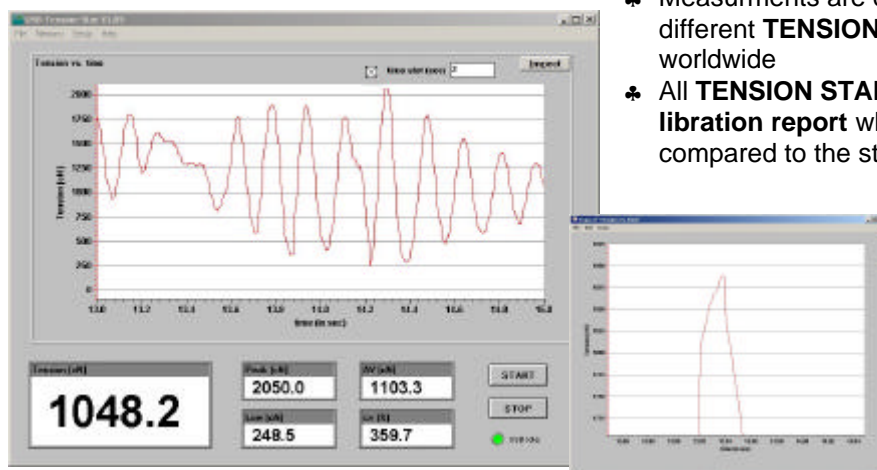


FDY or POY flat yarn  
and twisted yarn by high  
speed.

- ♣ 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.

Model	Measuring range
TS 205 P 200	0.1 ..... 50 cN
TS 205 P 200	0.1 ..... 100 cN
TS 205 P 200	0.1 ..... 200 cN
TS 205 P 400	0.1 ..... 400 cN

### Tension Star Software Zoom, Save, Print, Setup Function



- ♣ The low power consumption ensure 32 and more hours continuous operation with one battery load. Facts of a highest quality product.
- ♣ The **TENSION STAR** is light, has a long life and is easy to use.
- ♣ Measurements are comparable over the years and with different **TENSION STAR** a standart which is accepted worldwide
- ♣ All **TENSION STAR** will be delivered with a specific **calibration report** which shows the measured values compared to the standarts



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

Netweight: 426 Gramm

## TENSION STAR TS 205 P and TS 205 R

### 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:	<b>MEM</b> ory <b>00</b> up to <b>999</b> number <b>AV</b> Scatter value , <b>Peak</b> , <b>Low</b> , <b>cv%</b> and <b>time</b> channel. Memory measuring time is limited from battery load.
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 Win- dows USB connecting cable, USB charger

### Model: TS 205 R

same instrument as TS 205 P only  
2 outer roller and center ceramik pin.

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

