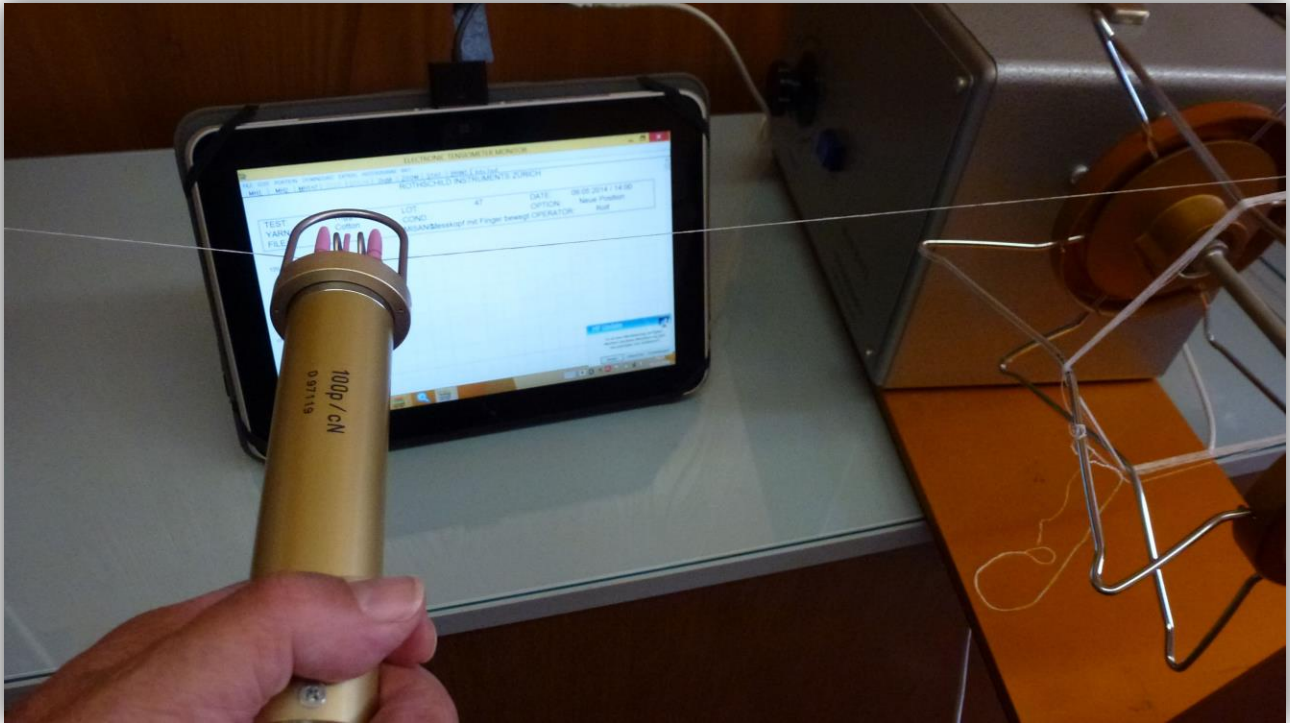


MEMO-TENS R-3010



Memo-Tens R-3010 with Measuring Head, Tablet PC

Yarn tension measurement is essential for all yarn - and fabric - producers.

ROTHSCHILD build the electronic tensiometers since years. They were reliable, accurate, recorded data and their statistics. Only drawback - instruments, PC or recorder had to be carried along on a trolley - weight ca. 15 - 25 kg.

To overcome this ROTHSCHILD has developed a completely new Tensiometer, which weights - including the measuring head **only 250 grams** plus a tablet 600 grams.

With this easy carrying-on device one can do measuring in the whole plant - without doing any "shlepping" - a dream comes true !

Description of new MEMO-TENS R-3010

MEMO-TENS R-3010 is a **new concept** for yarn tension measurements on multiple yarn production machines for fast data acquisition in the whole plant.

Since years our ROTHSCHILD ELECTRONIC TENSIO METER are a trade word with yarn producers worldwide.

Up to now ROTHSCHILD ELECTRONIC TENSIO METER where composed of three parts.

- Measuring electrode (measuring head) to take up the yarn under tension
- Proper ELECTRONIC TENSIO METER for signal amplification, data preparation for transfer to data evaluation - this instrument, weights approx. 8 kg - and is connected to electric power.
- a PC or Notebook.

All this units had to be mounted on a trolley and guided through the plant for measuring yarn tensions during production. A nearby electric plug was condition.

NEW

The new ROTHSCHILD MEMO-TENS R-3010 is a revolution in data acquiring of yarn tension in the plant.

Thank new engineering techniques, new miniaturised electronics it was possible to build all parts of the ROTHSCHILD ELECTRONIC-TENSIO METER into the measuring head. All of minimal dimensions and weight.

(30 x 160 mm 220 grams)

This brings the whole yarn tension device inclusive all parts to a:

measuring head 220 grams + Tablet PC 600 grams !

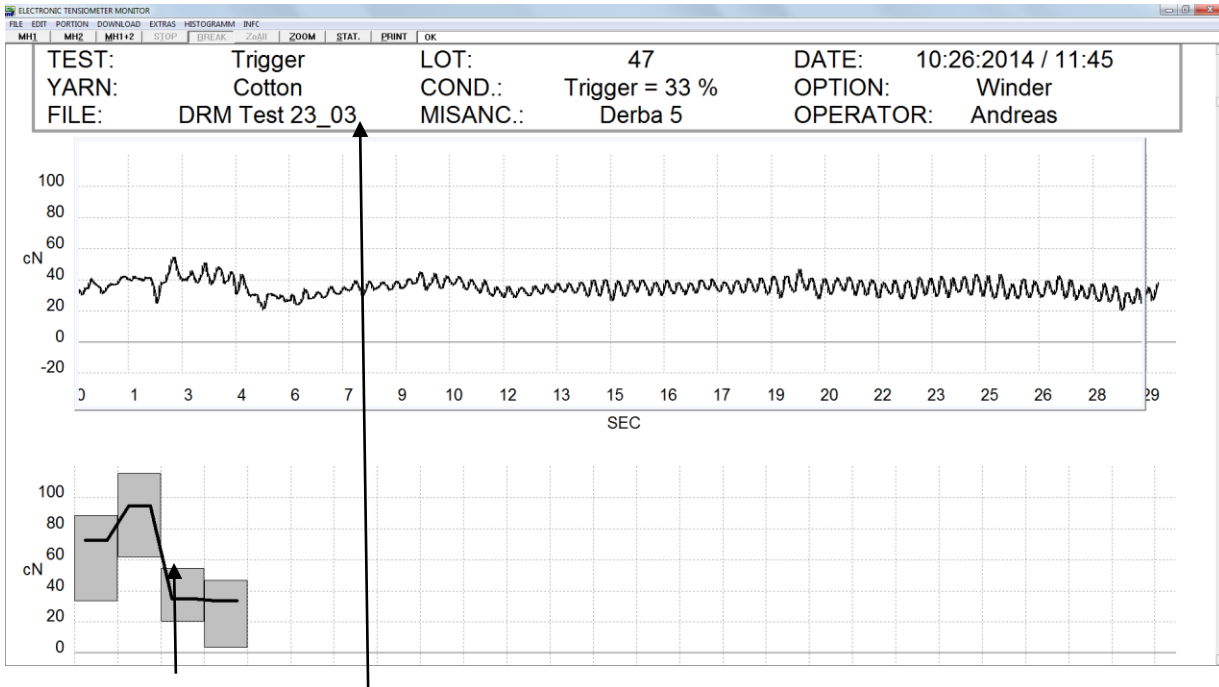
No problem anymore to go through the whole plant taking yarn tension measurements and record all data.

By preference the MICROSOFT 10" Surface 2 Tablet is recommended

Scope of delivery

Following items are parts of the new MEMO-TEN R-3010 unit:

- 1 Yarn Tension measuring head - with build in
ELECTRONIC - TENSIO METER
following units can be delivered 10 / 40 / 100 / 400 / 1000 cN
- Tablet PC 10" MICROSOFT Surface 2 with keyboard cover
- 1 memory stick with software
- 1 charger for tablet
- Instruction manual
- various accessories
as USB triple plug, tablet pen, purse, ear-phone, cables etc.



this is the graph of position 3

The whole measured cycle is shown above (4 positions measured)

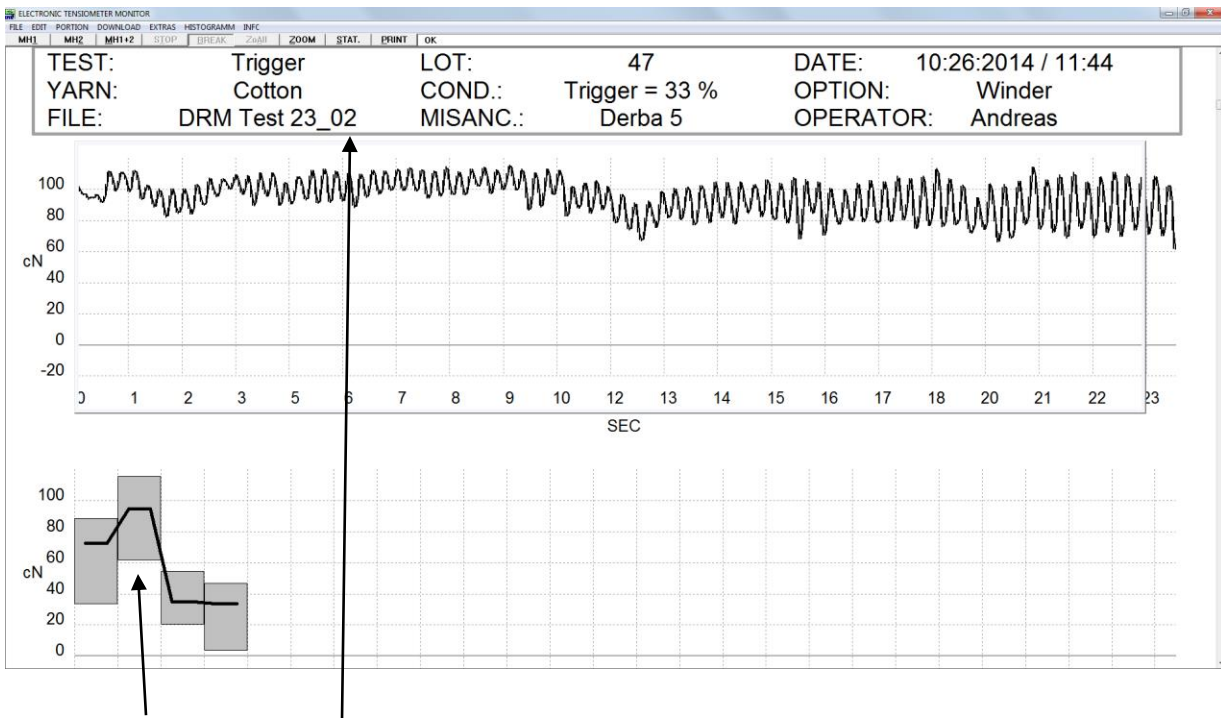
Each column is 1 measurement

The column lower end is the minimum tension measured for this position

The column upper end is the maximum tension measured for this position

The middle line is the average tension measured for this position

Clicking on each column recalls the graph and statistics of this position

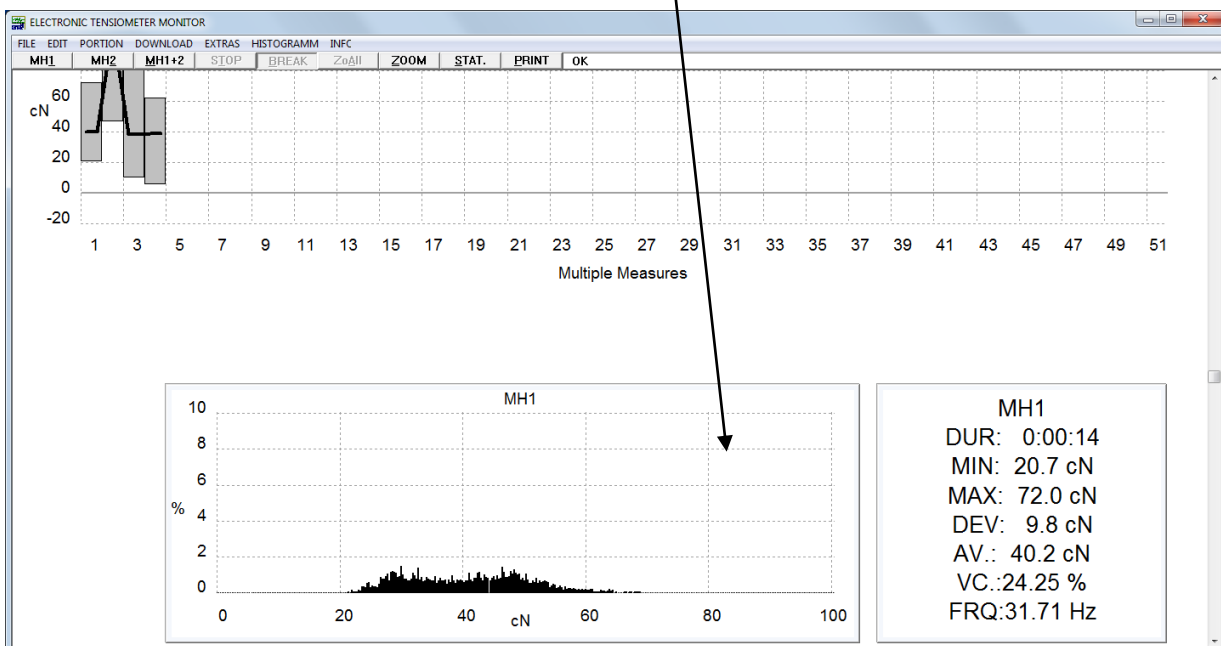


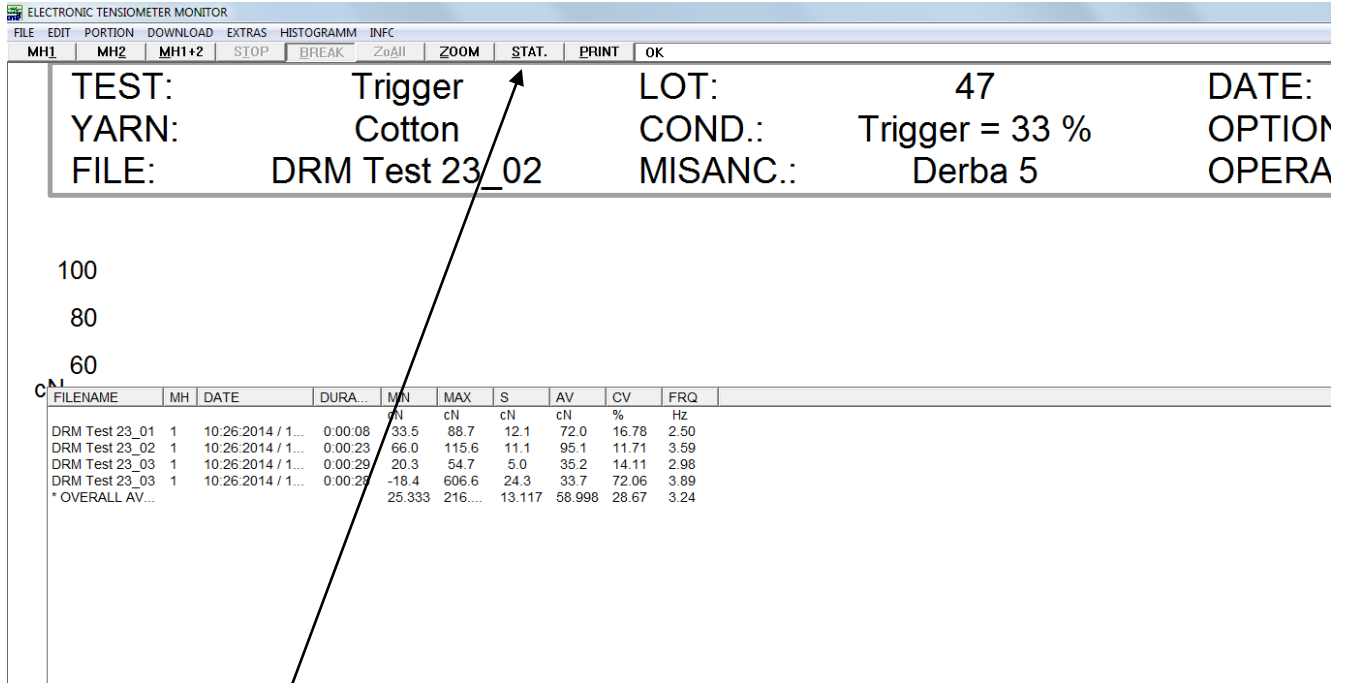
this the graph of position 2

When showing a position graph

the statistics of this graph

and the histogram: is shown - activate "page down"





by clicking on "stat" - - the statistics of all measured positions are shown

Special program for texturizing machines (optional)

A special program for texturizing which shows on the graph and in the statistics T1 / T2 for each positions and in the overall menu .

Ask for more details.



Continuously measuring yarn positions.

The Tablet screen is not needed.

As soon as one finishes the measuring of the position - e **ear-phone** signal stops-

The sound of the ear-phone continue only when the measuring head is placed again in to the next yarn position for the next position measurement.