

TESTING INSTRUMENTS FOR QUALITY CONTROL 



## **FX 3250** PickCounter II

Automatic Pick Counter

**TEXTTEST**  
INSTRUMENTS

# FX 3250 PickCounter II with many benefits

The FX 3250 PickCounter II determines the thread density of woven fabrics and wire meshes as well as the loop density of knitwear. It can be used for measurements in the laboratory and for mobile applications on the production floor.



## Benefit thanks to a wide measuring range

The measuring range of 8 – 300 threads/cm (20 – 762 threads/in) makes it possible to measure most fabrics with a regular pattern.

## Benefit thanks to semiautomatic operation

For taking a measurement, a search range is selected and the instrument is placed onto the fabric. After pushing the start button, the result is displayed in the selected unit of measure.

## Benefit thanks to evaluation option

The instrument can be connected to a PC. With the evaluation program FX 3250-II EVA, test results can be transferred to a PC and a test report can be generated.

## Benefit thanks to quick measurement

The measurement takes less than one second. The FX 3250-II saves a lot of time, especially when testing dense materials.

## Benefit thanks to battery operation

Operation with (rechargeable) batteries makes the instrument independent of a stationary power source. If desired, an external power adapter can be used.

## Benefit thanks to internal illumination

A special and automatic illumination system of the specimen eliminates the interfering effects of colors and patterns. Therefore, even colored and patterned test specimens deliver perfect test results.

## Benefit thanks to calibration card

By means of the supplied calibration card, the FX 3250 PickCounter II can be checked and calibrated by the operator within a very short period of time.

## Benefit thanks to compact size

The handy pocket size, the low weight and the battery operation allow for flexible use, in and outside the laboratory.



FX 3250-II with alignment aid

## BENEFITS AT A GLANCE

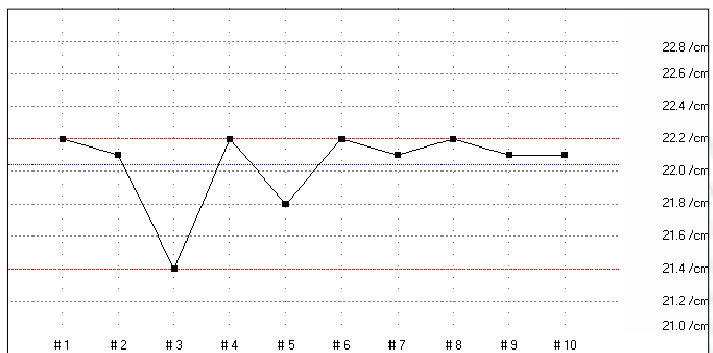
- Wide measuring range
- Semiautomatic operation
- Evaluation option
- Quick measurement
- Battery operation
- Internal illumination
- Calibration card
- Compact size

### Text Protocol

Designation	Text protocol FX 3250-II
Instrument	FX 3250 PickCounter II
Serialnumber	123.01.18
Date/time	15.01.2018 / 14:07
Measuring property	Pick count
Operating mode	STD
Measuring range	18.5 - 24.0 /cm

Count	10
Average	22.0 /cm
CV	1.2 %
Minimum	21.4 /cm
Maximum	22.2 /cm

#	Date	Time	Comment	Test-result
1	15.01.2018	07:09:10		22.2 /cm
2	15.01.2018	07:09:12		22.1 /cm
3	15.01.2018	07:09:14	visible defect	21.4 /cm
4	15.01.2018	07:09:16		22.2 /cm
5	15.01.2018	07:09:18		21.8 /cm
6	15.01.2018	07:09:21		22.2 /cm
7	15.01.2018	07:09:23		22.1 /cm
8	15.01.2018	07:09:52		22.2 /cm
9	15.01.2018	07:10:06		22.1 /cm
10	15.01.2018	07:10:08		22.1 /cm





### Technical Specifications FX 3250 PickCounter II

Measuring range:	8 – 300 threads/cm (20 – 762 threads/in) Limited measuring ranges divided into 25 overlapping subranges
Units of measure:	1/cm and 1/in
Measuring accuracy:	Better than $\pm 1\%$ of the displayed value *
Test modes:	„STD“ standard test mode „WAL“ for wales in knitwear „DBL“ for double-faced and double-pick fabrics, and 2/2 twills „R=5“ for fabrics with a repeat of 5
Test length:	29 mm (1.1 in)
Computing time:	Less than 1 second
Data port:	USB 2.0 (Mini-B-connector)
Power requirements:	2 batteries or rechargeable batteries 1.5 V, size AA or external power supply via USB port
Battery life time:	Approx. 1,500 tests
Dimensions (w x d x h):	66 x 32 x 128 mm (2.6 x 1.25 x 5 in)
Weight:	200 g (7 oz.)

\* Test under defined condition, e.g. with the TEXTEST calibration card FX 3250-II CK.

The scope of supply includes an ISO-conform calibration certificate and a calibration card.

*Subject to change*

### Accessories

FX 3250-II ARH	Alignment aid, for measurements on fine fabrics with a thread density over approx. 100/cm (250/in).
FX 3250-II PSU	Power adapter, for a line voltage of 100 – 240 V, 50 – 60 Hz, with EU connector type C.
FX 3250-II EVA	PC-Evaluation software, for documentation, evaluation and storage of the test results.

