

FELTEST

equipment



Tensometer

Feltest Equipment BV, professional instruments for paper machine clothing

3 good reasons to measure the fabric tension:

1. Correct tension of forming fabrics, felts and dryer screens for optimum runnability.
2. Prevent wrinkles or torn fabrics and avoid unplanned downtime.
3. It's easy, quick and reliable!

Correct tension = better runnability

Paper machine clothing running at in-correct tension will have a negative effect on the machine's runnability. Too low tension will decrease the fabric's stability, which can result in wrinkles and unplanned fabric changes. Too high fabric tension can influence the fabric mesh (which changes the dewatering behavior), will increase the load on bearings and rolls and can result in torn fabrics, with all the dangers and lost production that come with it. An uneven tension over the machine width will guide the fabric to one side, causing the guiding roll to counter-steer resulting in considerable wear and uneven permeability of the fabric.

Suitable for forming, press and dryer fabrics

The ruggedly built Feltest Tensometer is a compact precision instrument that measures the tension in running paper machine clothing. Readings are taken quickly and accurately, to set and check the desired tension. An open framework represents an isolated area of the fabric to the sensing element, which is applied with a predetermined load to depress the web. The amount of travel of the sensing anvil is measured and converted into fabric tension, indicated on a calibrated dial. The maximum reading is held by a hold

Specifications

Measuring principle

Tensometer

Measuring travel on a predetermined spring load

Tension range

1.8 – 12 kg/cm or 10 – 67 pli (opt.)

Accuracy

± 10% of measured value

To be used on

Forming fabrics, press fabrics, dryer screens

Safety features

One hand operation
Measures in any position
Pointer hold mechanism

Protection

IP 64 (splash water proof)
Corrosion resistant materials

Dimensions L x W x H

230 x 140 x 210 mm

Weight

0.95 kg

mechanism which is reset with the large red release button. Accurate readings can therefore be taken even in dark places and areas difficult to reach, with always one hand free for optimum safety.



Performing measurements of any kind on running paper machines is potentially dangerous and requires alertness, concentration and common sense. The products of Feltest Equipment BV are designed and constructed to be as safe as possible for their intended use. Feltest Equipment BV cannot be held responsible or liable in any way for injuries or damages that occurred using Feltest Equipment BV's products.