

PresScan™

The newest microwave technology to measure the water content in press felts accurately and reliably

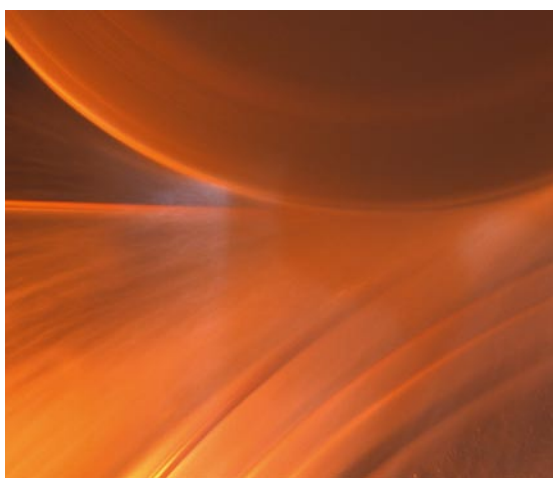




PresScan™

Feltest Equipment BV, professional instruments for paper machine clothing.

For both the paper maker and the press felt producer it is essential to know the felt's water content. The exact water content gives information on the performance of the press felt and, for example, the effectiveness of cleaning chemicals. Water content profiles, both in machine and in cross machine direction, contain vital information on the condition of the press section including the felt. The PresScan™ helps to understand what is going on in the press section and to improve the overall paper machine performance.



Understand what is going on in the press section.

3 good reasons to use the Feltest PresScan™ for your next felt measurement:

1. The best value for money.
2. New and solid technology.
3. It's easy, quick and reliable!

The new PresScan™

The Feltest PresScan™ uses the newest patented microwave technology to get the best results. The PresScan™ is exclusively designed for use in the paper industry, which means that it is:

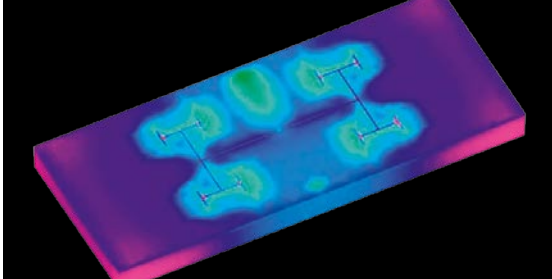
- robust and reliable;
- accurate over a wide measuring range;
- fast, enabling advanced FFT techniques on the collected data.

Furthermore, the Feltest PresScan™ requires only a moderate investment and you will find the after-sales service to be a pleasant surprise, both in time and money. This makes the Feltest PresScan™ the instrument with the lowest Total Costs of Ownership in the industry!

The microwave technology

The patented planar microwave sensor is uniquely developed for the Feltest PresScan™.

This sensor does not use a resonance chamber and is therefore far less sensitive to temperature



The patented planar PresScan™ sensor

changes or mechanical shocks. Also, whether you measure from one side or the other, the test results will be practically the same as this sensor is not affected by water on the felt surface.

The measuring rate of up to 1500 values per second is unmatched and allows high quality FFT-analysis on the recorded data, helping to identify problematic parts in the press section.

Designed for the paper industry

The Feltest PresScan™ is, like all other instruments of Feltest Equipment BV, designed by people who deal with service measurements in the paper industry every day. For extensive travelling service engineers, reliability is of utmost importance and therefore that has been one of the primary criteria on selecting the components.



PresScan, designed by felt service engineers.

Operator safety has top priority. The PresScan™ comes with a well known fold-out handle.

At positions where the press felt is easily accessible, the instrument can be used with the handle folded in. But, where necessary, it is possible to fold it out and to keep a greater distance from dangerous machine parts.

Sometimes the details make the difference.

The Feltest PresScan™ uses standard rechargeable batteries and works for several days on one battery load. The instrument has a storage capacity for 160 minutes of measurements and during a scan, the full profile is displayed in real-time. Improved efficiency comes from details like this.

The Feltest PresScan™ comes with:

- Host PresScan™ software to read-out, store and export the measurements.
- Universal battery charger.
- All necessary cables.
- Glass plate to check the calibration.
- Instruction manual in English.
- Robust carrying case.

Optional:

OptiWave™ software for making a FFT-analysis on the recorded data.



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 can not be held responsible or liable in any way for injuries or damages that occurred using Feltest Equipment BV's products.

PresScan™ is a registered TradeMark of the Cristini Group.

Specifications

Measuring range	0 – 3000 g/m ² H ₂ O
Measuring method	Planar microwave frequency resonance
Measurement rate	1500 values/s
Measurement area	40 x 60 mm
On board memory	32 MB (optional up to 128 MB)
Language instrument & instruction manual	English, French, German, Italian, Spanish
PC connection	USB and RS232 (cables included)
Rechargeable battery	AA sized NiMH batteries
Operating temperature range	0° – 80° C

Dimensions and weights

PresScan™ dimensions	L 305 x W 275 x H 110 mm
PresScan™ weight	2,4 kg
Weight of a complete set, including case etc.	Approx. 10 kg