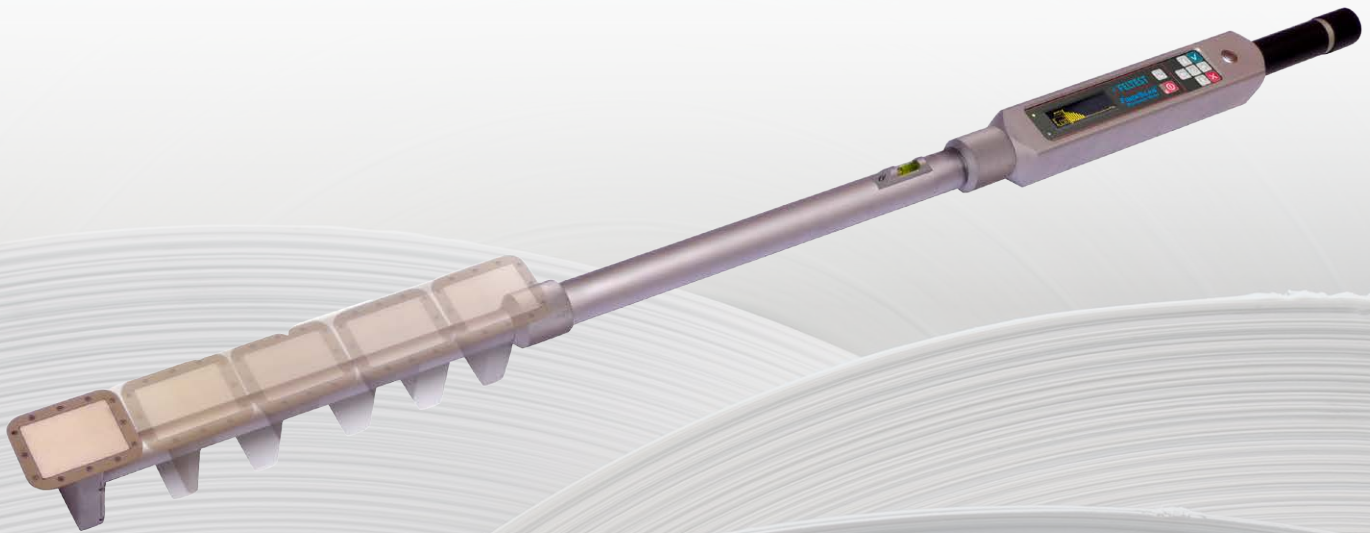


FIBERSCANONE



MAXIMIZING RUNNABILITY



3 good reasons to use the Feltest FiberScanONE for your drainage analysis:

1

Only measure what really matters: water

2

Quick setup with reliable results

3

New technology creating new possibilities

Monitor, analyze and optimize

The forming section has a big influence on both the paper machine's efficiency and the quality of the produced paper or board. Use the **FiberScanONE** to monitor, analyze and optimize the drainage process by measuring the amount of water on the forming fabric after each dewatering element. Investigate the effects of forming fabric designs, fabric wear, machine settings and chemical dosages. Make trend curves to understand what is actually happening in the forming section.

Advanced microwave technology

The Feltest **FiberScanONE** uses an innovative and patented microwave sensor, exclusively designed for the demanding conditions in the paper industry. The field of applications is extremely wide, ranging from low speed board machines up to the fastest newsprint machines. No calibration is needed; just bring the measuring head up to working temperature and start!

As the microwave sensor only measures water, the readings are not influenced by the forming fabric or by fillers like TiO₂. In contrast to a gamma gauge, the readings of the **FiberScanONE** are not affected by metal parts close by. This allows measurements at more positions on top and gap formers; helping you to understand the drainage process even better.



FiberScanONE: a safe investment

Additionally to the innovative technology, the Feltest **FiberScanONE** has many more advantages. To mention a few:

- Increased operator safety
- Easy travelling without formalities, licenses or bureaucracy
- Firmware upgrades are free of charge
- The hardware can always be upgraded to the most recent version
- Quick and reliable service

Your investment in **FiberScan** technology is safe for years to come.

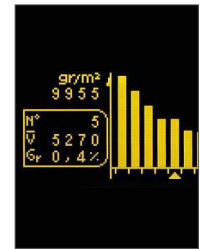
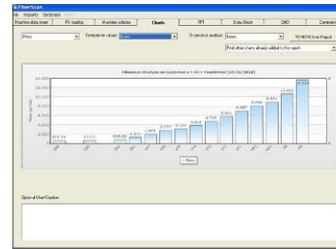
FIBERSCANONE

MAXIMIZING RUNNABILITY

Data analysis with the HostXL software

The Feltest **FiberScanONE** comes with HostXL: our extensive database software to store and analyze the test results. Dewatering curves and comparisons with previous measurements are made in seconds.

HostXL contains a function to perform an advanced FFT-analysis on the high frequency test results of the FiberScanONE. Investigating MD base weight variations, head box pulsations or foil turbulences has never been easier!












Designed for the paper industry

The Feltest **FiberScanONE** is, like all other instruments of Feltest, designed by people who deal with the paper industry every day.

The ultra-bright display shows a lot of useful information, like a graphical drainage chart or the cross machine direction profile. The display can be reversed for left-hand or right-hand use by pressing just one button. With every measurement also the quality of the test result is indicated, giving the user important and timely feedback. Improved efficiency comes from details like these.



The Feltest FiberScanONE comes with:

-  Low friction measuring head with protective plastic ring
-  100-240V universal battery charger with 4 wall plugs and a 12V car converter
-  An integrated handle with variable length
-  Host XL PC software to read-out and set the instrument including OptiPulse™ software for making an FFT-analysis on the recorded data
-  Bluetooth™ wireless connection set (USB cable for back-up)
-  User manual in English.
-  Glass plate to check the calibration
-  A solid and compact carrying case
-  All necessary cables



Specifications	FiberScanONE
Measuring range	0 – 48.000 g/m ² H ₂ O
Measuring method	Microwave frequency resonance
Measurement rate	256 values/s (1.024 values/s in FFT mode)
Field penetration	Approx. 48 mm
On board memory	Enough for > 3000 measurements
Language instrument & instruction manual	English
PC connection	Through Bluetooth™ or USB
Rechargeable battery	Li-ion
Operating temperature range	0° – 80° C
Dimensions and weights	
Measuring head dimensions	L 138 x W 74 x H 77 mm
Overall dimensions	L 1.140 – 1.540 x W 65 x H 53 mm
Total weight	3,6 kg
Dimensions of a complete set including robust trolley case	L 630 x W 500 x H 300 mm Weight approx. 11 kg



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.

Telephone: +31 313 652 215
 Fax: +31 313 654 068
 Email: info@feltest.com
 Internet: www.feltest.com