



# Tuoteluettelo 2019

**Wet-end**

Charge Analyzer  
Zeta Potential Analyzer  
ONLINE Zeta Potential Analyzer  
Dynamic Filtration Analyzer

**Paper and Board**

Ash Content Analyzer  
Dimension Stability System  
Wet Stretch Dynamics Analyzer  
Heat Shrinkage Analyzer  
Surface and Sizing Tester  
Penetration Dynamics Analyzer - Module Standard  
Penetration Dynamics Analyzer - High Viscous Liquid  
Penetration Dynamics Analyzer - Module Standard Coating

**Tissue and Non-woven**

Tissue Softness Analyzer  
Ball Burst Tester

**Titrausliuokset**

Titrausliuokset

## Wet-end



### **Charge Analyzer**

CAS touch!

The new CAS touch! Charge Analyzing System combines proven methods of particle charge measurement with the known great simplicity of handling and functioning of the previous CAS versions, but enhanced with new features and an immense reduction in weight and size.

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### **Zeta Potential Analyzer**

FPA touch!

The new FPA touch! Fiber Potential Analyzer combines proven methods of Zeta Potential measurement with the known great simplicity of handling and functioning of the previous FPA versions, but enhanced with new features and an immense reduction in weight and size.

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### **ONLINE Zeta Potential Analyzer**

#### FPO

Fully automatic and accurate determination of the Zeta Potential of fibers and fillers.

The emtec FPO Fiber Potential Analyzer Online is an innovative measuring device for the fully automatic and accurate determination of the Zeta Potential of fibers and fillers.

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### **Dynamic Filtration Analyzer**

#### DFA

It determines quickly and accurately the influence of chemicals on the filtration characteristics of fiber suspensions by an automatic analysis of drainage and retention.

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# Paper and Board



## Ash Content Analyzer

ACA

The emtec ACA Ash Content Analyzer is a new measuring device for a very fast, easy and accurate determination of total ash content (fillers and pigments) percentage distribution of the individual components of mineral filler and pigment content in paper and board.

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## Dimension Stability System

DSS

Modular Measuring System for the Investigation of the Dimension Stability of Paper / Board / Foils in Contact with Temperature or Liquids

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## Wet Stretch Dynamics Analyzer

WSD 02

Determining the Dynamics of Wet Expansion of Paper by means of one-sided Liquid Contact with Adjustable Tension

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### Myynti ja huolto

Pineco Trading Oy

[pineco.fi](http://pineco.fi) [info@pineco.fi](mailto:info@pineco.fi) +358 505 879 879

**Heat Shrinkage Analyzer**

HSA

Measuring Instrument for the Investigation of the Dimension Stability of Paper/Board/OPP Foils under Thermal load

[Linkki tuotesivulle](#)**Surface and Sizing Tester**

EST 12

Ultrasonic Tester for the Determination of Paper/Board Properties via Measuring the Wetting Behavior and Absorption of Liquids.

[Linkki tuotesivulle](#)**Penetration Dynamics Analyzer - Module Standard**

PDA.C 02 MST

Modular ultrasonic Tester for the Determination of Paper/Board Properties via Measuring the Wetting Behavior and Absorption of Liquids. Standard module.

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**Penetration Dynamics Analyzer - High Viscous Liquid**

PDA.C 02 HVL

Ultrasonic Tester for the Determination of Paper/Board and Liquid Properties via the Wetting and Absorption Behavior specific of high viscous liquids, as for example adhesives, printing ink, coating colors.

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PDA.C 02 MSC

For examining the coating color and base paper interactions. A method for coating color optimization with the emtec PDA.C 02 - developed by Gruener and Baumeister.

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# Tissue and Non-woven



## **Tissue Softness Analyzer**

TSA

Multifunctional Measuring Instrument to assess the Softness, Smoothness/Roughness, Stiffness, Elasticity as well as the calculated "handfeel-value", and the Compressibility of Tissue and Fabrics as well as the Ball Burst Strength.

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## **Nonwoven & Textile Softness Analyzer TSA**

TSA

Multifunctional Measuring Instrument to assess the Softness, Smoothness/Roughness, Stiffness of Nonwovens and Textiles

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## **Ball Burst Tester**

BBT

Measuring Instrument according to DIN ISO 12625-9:2005; Measurement of ball burst strength later upgrade to TSA - Tissue Softness Analyzer possible

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# Titrausliuokset

## Titrausliuokset

Bottle of Polyelectrolytes 1000ml 0.001N

B0538 Cationic

B0537 Anionic

Concentrates

B0599 Poly-Dadmac 51g

B0600 PVS-Na 40g