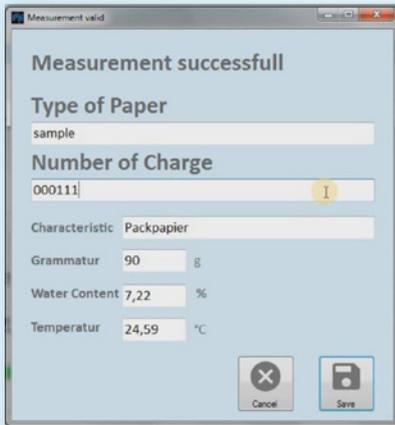## Paper / Board

PMSA

At-Line laboratory analysing instrument for the determination of water content in single paper sheets.
Evaluation on PC via PMSA Software

Measurement successfull

Type of Paper
sample

Number of Charge
000111

Characteristic	Packpapier
Grammatur	90 g
Water Content	7,22 %
Temperatur	24,59 °C

Cancel   Save

78,0°F | 6,16% | 456kg/m³ | −27,3td | 0,64aw | 51,9%r.H. | 14,8%abs | 100,4g/m² | 09m/s | 4,90Ugl | 163ym | 23,2°C | 78,8°F | 6,21% | 424 kg/

PMSA single paper sheet moisture analyzer

At-Line moisture sensor with PC software for a quick non-destructive determination of water content of single paper sheets

PMSA by Schaller GmbH

Measure | Archive

Paper
Archive
Start

Characteristic
AL150

Grammage
150

Water Content
5.1 %

Canceled   Schaller GmbH
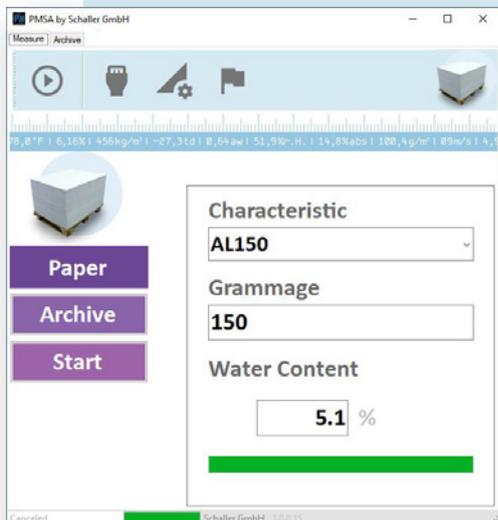
Features:

- Measuring range: 1 to 20 % absolute paper moisture
- Resolution: 0.01 % water content
- Grammage range: 30 to 800 g/m²
- Maximum paper thickness: 0.8 mm (higher range on request)
- Automatic temperature compensation
- Minimum paper size: 180 x 180 mm
- Temperature range: 0 to +50 °C / 32 to 122 °F
- Protection class: IP30
- Dimensions: 274 x 202 x 128 mm
- PC software in English and German
- Power supply and connection to PC: 5VDC (USB mini B)
- Scope of supply: PMSA moisture sensor incl. PMSA software on USB flash drive and USB cable
- PC not included
- Optional: weight scale for paper

Measuring procedure:

After installing the PMSA software on your PC, connect the PMSA moisture sensor to the PC via USB cable. Select the paper type to measure in the software and click the start button. To ensure a maximum of accuracy, the system performs a self-calibration of the sensor before each measurement. When the self-calibration is completed, insert the paper sheet to measure. After a few seconds the determined water content is shown on the screen. Now additional data like a batch number can be added and the measuring values can be saved in a database. The measuring data can also be exported (csv, html, xls) or printed out. Via the software, further paper types can be created and calibrated easily.

Accredited test laboratory:

Our test laboratory conforms to the requirements of the globally valid standard "ÖVE/ ÖNORM EN ISO/IEC 17025:2007". In 2017 the laboratory was certified as an accredited test laboratory for the determination of water content according to norm "EN ISO 287: Paper and board - Determination of moisture content of a lot - Oven drying method". The requirements necessary for obtaining and preserving the accreditation ensure maximum testing quality.

| Climate / Environment | Foods | Bioenergy | Material | Buildings | Paper / Board |

Any technical changes reserved. Pictures do not show possible changes that have been made on different models.
A wide range of other instruments and external sensors can be found at www.humimeter.com

78,0°F I 6,16%I 456kg/m³ I −27,3td I 0,64aw I 51,9%r.H. I 14,8%abs I 100,4g/m² I 09m/s I 4,90Ugl I 163ym I 23,2°C I 78,8°F I 6,21% I424 kg/