

PMSA

Single paper sheet moisture analyzer

**Quick moisture sensor for determination of water content of
single paper sheets with PC software**



Advantages

- Samples taken directly from the paper machine, incoming and exit control of paper sheets.
- Very fast method – within a few seconds.
- Calibration of further paper types possible.
- Management of measuring data in a data base.
- Precise measuring values and extremely high repeat accuracy.
- System performs a self-calibration of the sensor before each measurement.

Measuring procedure

Select the paper type to be measured in the software, insert the respective paper sheet and click the start button. After a few seconds, the determined water content is displayed on the screen. Additional data like a batch number can be added and the measuring values saved in a database. The measuring data can also be exported (csv, html, xls) or printed out. Other paper types can be easily created and calibrated via the software.

Technical data

Measuring range:	1 – 20 % water content, resolution 0,01 %
Grammage range:	30 – 800 g/m ²
Paper thickness:	0.8 mm maximum (higher range on request)
Paper size:	180 x 180 mm ² minimum
Temperature range:	0 – 50 °C / 32 – 122 °F
Power supply:	5 VDC via USB mini B connector
PC interface:	USB mini B connector
PC required for data analysis, not included.	