Knowing paper better!
emco

Since 1992 Partner of Paper Industry
Since 1996 Partner of Printing Industry

Innovation and Competence
Development, Manufacturing and Sales

PMSA
Single Paper Sheet Moisture Analyzer

Quick moisture sensor for determining the water content of single paper sheets with PC software

Advantages

- Samples taken directly from the paper machine, incoming and outgoing control of paper sheets
- Very fast method – testing within seconds
- Calibration of further paper types possible
- Management of measuring data in a database
- Precise measuring values and extremely high repeatability
- 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 such as 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/m²
Paper thickness:	0.8 mm maximum (higher range on request)
Paper size:	180 x 180 mm² 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.