# *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

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| 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.