

## emco CMM

### Moisture determination for pulp sheets in stacks



- Quick and highly accurate measurement using a non-destructive method
- Application for different types of pulp
- Handy, rugged, and mobile
- *emco* calibration certificate and test equipment
- Interface to *emco*-Solution-web database for automatic data transfer

#### Measuring principle and measuring procedure

The two sensors of the measuring device are inserted between the sheets of a pulp stack and provide a signal of conductivity. A calibration (calibration line) is used to calculate the measured value as a percentage by weight of water.



#### Technical data

Measuring range:	6 % to 40 % water content (material dependent)
Display resolution:	0.1 % water content
Calibration:	In reference to the drying oven, a calibration line is recorded for each pulp grade, which assigns a measured value of weight percent water to each signal value. Calibration lines for pulp density range 450 to 900 kg/m <sup>3</sup> available for bleached and unbleached pulp from sulphate and sulphite process; extendable for further calibration lines for new sorts
Operating temperature:	0 °C to +50 °C
Storage temperature:	-20 °C to +60 °C
Temperature measurement:	Infrared
Temperature compensation:	automatic
Menu language:	EN, FR, DE, IT, ES, RU, PT, CZ, PL
IP-Code:	IP 40
Power supply:	batteries (AA Alkaline, 4x)
Weight and Dimensions:	685 g (incl. batteries), 575 x 75 x 46 mm <sup>3</sup>
Scope of delivery:	device with Bluetooth module and handlebar (dismountable), wooden case for transport and storage, <i>emco</i> calibration certificate with test equipment for checking the device, batteries
Optional accessories:	data terminal for data transfer and access to the <i>emco</i> -Solution-web database USB data interface with LogMemorizer-Software incl. USB cable, portable printer