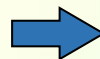
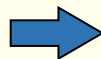


emco AP 500-M6 solution

System for moisture determination in recovered paper
for automatic data processing,
transfer and documentation

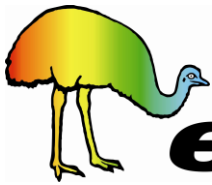
Fast, mobile moisture determination without sampling,
for detecting moisture in stacks and bales



web-based database

Ansicht	Kunde	Gerät	Messauftrag	Laufende Nummer im Messauftrag	Laufende Nummer im Messgerät	Bediener	Typ	Wert	Einheit	Kenntnis
Details	emco	EMCO 3007	9783668200058	12	12	(leer)	Temperatur	20,5	°	S2
Details	emco	EMCO 3007	9783668200058	11	11	(leer)	Feuchte	17	%	S2
Details	emco	EMCO 3007	9783668200058	2	2	(leer)	Temperatur	25	°	S2
Details	emco	EMCO 3007	9783668200058	1	1	(leer)	Feuchte	5,5	%	S2
Details	emco	EMCO 3007	9783668200058	4	4	(leer)	Temperatur	25	°	S2
Details	emco	EMCO 3007	9783668200058	3	3	(leer)	Feuchte	7,5	%	S2
Details	emco	EMCO 3007	Code 128	28	2	(leer)	Temperatur	25	°	S2
Details	emco	EMCO 3007	Code 128	27	1	(leer)	Feuchte	7,5	%	S2
Details	emco	EMCO 3007	Code 128	30	4	(leer)	Temperatur	25	°	S2
Details	emco	EMCO 3007	Code 128	29	3	(leer)	Feuchte	8	%	S2
Details	emco	EMCO 3007	9783668200058	6	6	(leer)	Temperatur	25	°	S2
Details	emco	EMCO 3007	9783668200058	5	5	(leer)	Feuchte	8	%	S2

- Lightweight, durable and mobile
- Simple application: moisture detection and data transfer within seconds
- Quick and easy operation due to integrated handle button
- Non-destructive measurement down to a depth of effectively 300 mm
- Automatic data recording, pre-processing and transfer of the measured values in networks or web-based databases using a data terminal:
 - Barcode scanner replaces manual entries
 - Data pre-processing and removal of incorrect measurements
 - No manipulations or input errors possible
- Central management of operators and device numbers



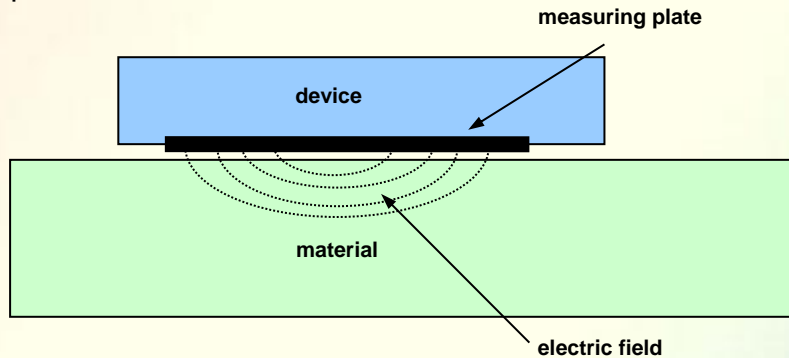
Knowing paper better!

emco Technology connects

AP 500-M6
solution

The measuring principle

Absolute moisture is the percentage water content in a material relative to the total weight. The material in the measuring area is penetrated by an electric field. As a result of the distinctive polarity of the water molecules and the resulting high dielectric constant of the water (approx. 83), the capacity of the measuring area changes with the moisture content of the test sample.



The complete solution

The data is transferred from the moisture meter to the data terminal, pre-processed and securely sent to a database. From there, the data can be transferred to existing systems. The data is transferred via modern transfer paths without cables. The management of users, devices and jobs is quick and easy via barcode scanner or RFID reader. The focus is on the requirement for FAST, SECURE and MANIPULATION-FREE measurement.

Technical data

Measuring range:
 Measuring depth:
 Operating temperature:
 Storage temperature:
 Temperature compensation:
 Resolution:

Menu language:
 Power supply:

Current consumption:
 Measured data storage:
 IP-code:
 Weight and dimensions:

WWAN:
 Display:
 Features:

Scope of delivery:

Moisture meter

1 - 50 % moisture (kind dependent)
 500 mm maximum
 0 °C up to +50 °C
 -20 °C up to +80 °C
 automatic
 0.5 % moisture
 0.5 °C temperature
 EN, FR, DE, IT, ES, RU, PT, CZ, PL
 Li-ion accumulator approx.
 2000 mAh
 30 mA
 approx. 10,000 measurements
 IP 54
 1050 g
 620 x 100 x 150 mm³

Data terminal

-10 °C up to +50 °C
 -20 °C up to +70 °C

4500 mAh

IP 64
 370 g
 157 x 78.2 x 16.9 mm³
 GSM/Edge/UMTS/HSPA+
 5 inch
 GPS, Bluetooth, WiFi



device in case with test plate and certificate,
 data terminal (Android 11) with *emco* App, with barcode scanner
 and optional with RFID reader (LF; HF; UHF)