

Moisture Analyzer EM 120-HR Factsheet

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1. Highlights

- **Freely programmable Graphic Display**
- **Automatic Self calibration System (SCS)**
- **Exchangeable Slide-in modules: LAN, WLAN, PS2, Bluetooth ...**
- **Informative drying**
- **Graphic presentation of results**
- **Multilanguage function**

2. Equipment

- Operation via 12 Key
- Leveling of the balance in front
- Optional resolution of measured values, (0.0001 g or 0.001 g)
- Automatic frequency adjustment
- 3 optional heating elements (Halogen, Infrared, Metal)
- RS232 Interface (DB9)
- USB plug (virtual COM-Port)

3. Software

- Easy operating concept as by Series 360 EP
- Main display shows diverse drying information:
 - Temperature
 - Time
 - Stop mode and its settings
 - Graphic presentation of the measurements, with zoom
 - Free programmable Info fields
 - Display of measure values in 2 additional units during the analysis
- Checkweigher
- Method Quick Access (up to 4)
- Method with maximal 3 intervals



Exchangeable interfaces



Presentation of results in g during the analysis



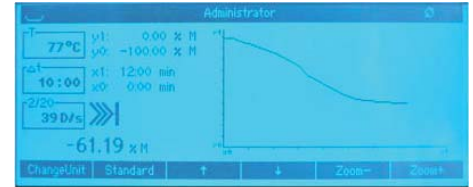


Precisa

■ The Balance of Quality ■



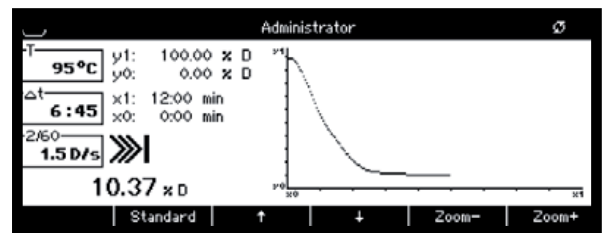
- 3 different Heating modes: Standard, Boost, Ramp
- Detailed protocols of the measurement
- Test measurement, Stop criteria finder
- Quick information access: measurement display, measurement settings, statistic, batch (groups of results)
- Results storage: up to 1000 dynamic Methods/Batch
- Current result is saved until the next measurement
- User Management (max 8 users with safety settings, individual settings, methods, batch protection)
- Multilanguage function (English, German, French, Spanish standard, additional Russian; further languages are possible)
- ART: Automatic repeatability test
- Internal/external calibration with history
- Temperature adjustment, Calibration with history



Graphic presentation of results

4. Method settings

- Storage / Memory for 100(+1) Methods in max. 50 Groups
- Name, identification, number of the method
- Resolution of measurement
0.001% g (High – 0.01% (Standard))
- Temperature range 50 – 230°C
- Heating mode: standard, boost (1-10min), ramp (5-20min)
- Stop modes:
 - Auto stop:
(1-99) digit/(10-180) time
(0.01-99.00)/(10-180) time
 - Adapt Stop
(0.1-99.9%) percent-Level
 - Time
- Stop mode-Delay (1s – 20min)
- Results:
 - Loss % (% M)
 - Residue % (% D)
 - ATRO Dry (% DA)
 - ATRO moisture (% DM)
 - g/kg Dried (g/kg D)
 - g/kg Residue (g/kg M)
 - Weight loss (g M)
 - Dry weight (g D)
- Correction factor
- Checkweigher
- Quick start & Auto start
- Possibility to add solution / water / additive during all the time of the measurement
- Standby temperature (50-100°C)



Method group - DAIRY - New method		1/2
Properties	► Show	
Name		
Number	()	
Interval 1	Define	
Interval 2	Define	
Interval 3	Define	

Method group - DAIRY - New method		2/2
Resolution	Standard	
Standby temperature	Define	
Dryer Control	► Define	
Checkweigher	Define	
Ash Residue	Define	

Method group - DAIRY - New Method - Interval	
Temperature	105 °C
Heating mode	Define
Stop time	Define
Stop mode	Define
Unit	Define
	► On

