

## Smart Moisture Analyser

Touchscreen - 120g x 0.001g

**MODEL: MB-7000**



### SALIENT FEATURES:

- Intuitive touch screen
- Halogen Light heating
- Temperature & time can be set
- Stores 100 data records
- Real-time curve function helps to define appropriate test conditions for samples
- Sample library functions allows you to store up to 100 types of samples & it's drying conditions
- Automatically displays the percentage of slop
- Displays moisture %, dry %, heating time, heating temperature, weight

- Smart heating, prevents overheating. Regulates the voltage of halogen lamp so that temperature does not overshoot the set temperature

- German Load cell sensor
- Analysis Method: Manual, Timed, Automatic

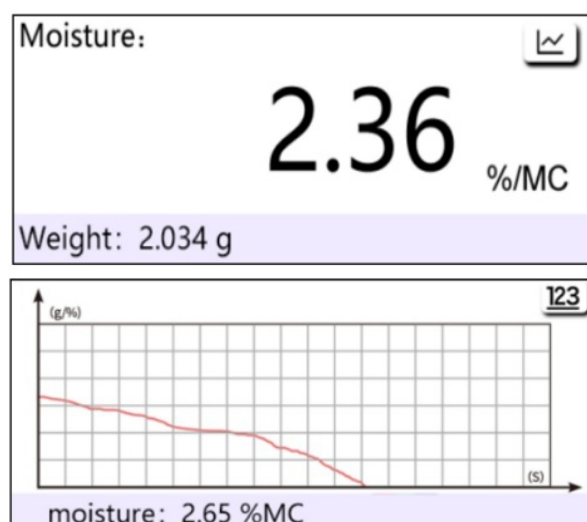
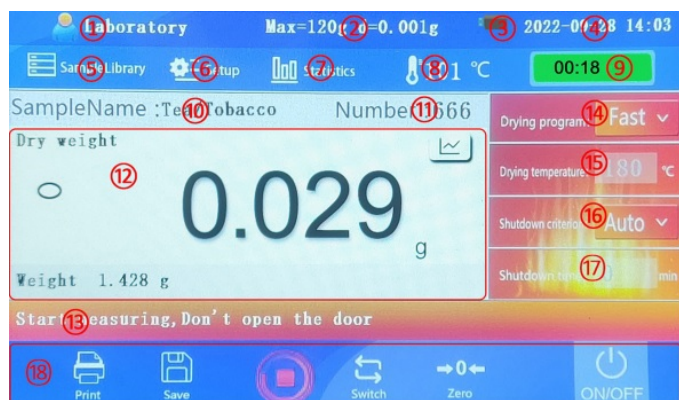
Different forms of samples can be measured:

- Most samples which vaporize only moisture and cause no hazardous reaction under heating can be measured

- User management supports 5 users & Audit Trail
- Drying Modes: Standard, Fast & Soft

Various materials can be measured:

- Cereal, starch, flour, meat, dairy products, soil, ore, chemicals, paper, pulp, cotton, paper, plastic, fibers, chemicals, pharma



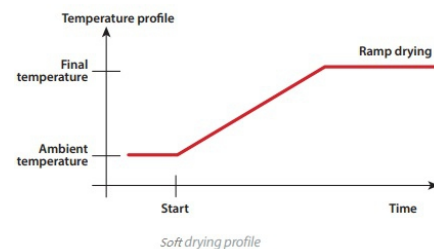
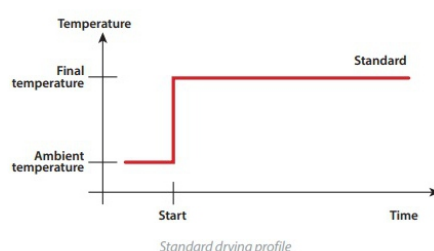
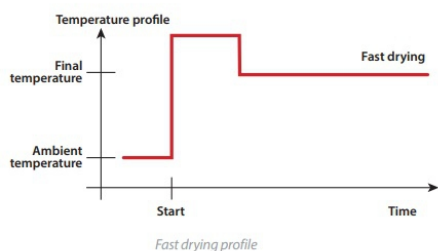
## **SPECIFICATIONS:**

Model	MB-7000
Make	Galaxy
Moisture Range	0~100%
Moisture Resolution	0.02% ~ 0.2%(sample≥2g)
Moisture Accuracy	±0.2%
Capacity	120g
Readability	0.001 g (1 mg)
Repeatability & Linearity	± 0.001 g & ± 0.002g
Minimum Load	0.01g
Display & Pan Size	5" Touchscreen, Ø 90 mm
Sensor & Calibration	German Loadcell, External
Operating Temperature	5 to 35°C
Heating Source	Halogen Lamp
Analysis Method	Manual, Timed, Automatic
Temp. Sensor	PT100
Temp. Setting Range	60 to 200°C
Temp. Setting Resolution	1°C
Time Setting	2 to 100 mins
Sample Library	Yes, 100 sample methods
Drying Modes	Standard, Fast & Soft
Data Output	RS-232 and USB-A
No. of Storage	100 memory
Power Supply	AC 220V / 50 Hz
Dimensions & Weight	350 x 215 x 192 mm & 4.5 kg

## **STANDARD**

## **ACCESSORIES:**

- Standard Weight
- Pan
- Pan Holder
- Pan Lifter
- Touch pen
- Adapter
- Instruction Manual



Drying Modes: Standard, Fast & Soft allows Mb7000 to optimize to enhanced drying conditions and shorten runtime while minimizing sample decomposition or change in chemical structure, ultimately improving testing accuracy and reproducibility.