

# Smart Moisture Balance Analyzer

Brand - **BIOGENIX®**

Model: BS-MB-7000

## Product Description

BioGenix BS-MB-7000 Halogen Moisture Balance is a smart level moisture analyzer suitable for most applications. Its unique features include a sample library, graphical display of moisture loss, user management, easy data export, audit trail, various drying method, customizable shut-off criteria, German weighing sensor.

## Key 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 & its 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
- User management supports 5 users & Audit Trail
- Analysis Method: Manual, Timed, Automatic
- Drying Modes: Standard, Fast & Soft

## Different forms of samples can be measured:

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



Color Touch Screen



Halogen Lamp

## Application



Powder



Particles



Paste or liquid



Dairy



Meat



Pulp

## SPECIFICATION

Capacity	120g
Moisture Range	0~100%
Moisture Resolution	0.02% ~ 0.2%(sample≥2g)
Moisture Accuracy	±0.2%
Readability	0.001 g (1 mg)
Repeatability	±0.001 g
Linearity	±0.002 g
Minimum Capacity	0.01g
Display	Touchscreen
Pan Size	Ø 90 mm
Sensor	German Loadcell
Calibration	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 can be stored
Drying Modes	Standard, Fast & Soft
Data Output	RS-232 & USB-A
No. of Storage	100 memory
Power Supply	AC 220V / 50 Hz
Dimensions & Weight	350 x 215 x 192 mm & 4.5 kg



### **BIOGENIX SYSTEMS PRIVATE LIMITED**

S-10, Pankaj Central Plaza, Pocket-5, Plot no-5,  
Sector-12, Dwarka, New Delhi-110075, INDIA

Email: [sales@biogenixsystems.com](mailto:sales@biogenixsystems.com) |

Phone: +91-11-43738899 | 9911717057

Website: [www.biogenixsystems.com](http://www.biogenixsystems.com)

Dealer Details

[info@biogenixsystems.com](mailto:info@biogenixsystems.com)  
[www.biogenixsystems.com](http://www.biogenixsystems.com)