

A scientist wearing a white lab coat, safety glasses, and a white face mask is standing in a laboratory. They are wearing blue gloves and holding a clipboard with a pen. In front of them is a white and black moisture analyzer with a digital display and several buttons. To the right, there is a glass-fronted cabinet containing various laboratory glassware, including flasks and beakers with colored liquids. The background shows a window with vertical blinds.

LAB1ST

Moisture Analyzer



Labfirst Scientific Instruments (Shanghai) Co., Ltd.

Halogen Moisture Analyzer



Product Features

- Halogen lamp/HBM sensor
- Aluminum shell/Stainless steel chamber
- LCD (White back light with black font)
- Temperature/Time set
- The percentage of moisture content/dry residual
- Store historical set
- Option: Aluminum box/Printer/Grinder



Parameter

Model	MB112-Alumin	MB113A-Alumin	MB113B-Alumin	MB113C-Alumin
Readability	0.01g	0.005g	0.002g	0.001g
Capacity	110g			
Operating temp	5~35°C			
Display	LCD backlit liquid crystal			
Calibration	External Calibration			
Interface	RS232(Standard)、USB (Option)			
Pan Size	90mm			
Packing Dimension	490x350x360mm			
G.W	7.5kg			
Heating Source	Halogen lamp-1			
Temp Sensor	PT100			
Temp Range	40~199°C			
Temp Step	1°C			
Moisture Range	0.00%~100.00%			
Moisture Readability	0.2%	0.10%	0.04%	0.01%
Dry Range	100.00%-0.00%			
Dry Readability	0.2%	0.10%	0.04%	0.01%
Temp Setting	40°C-199°C By 1°C Step			
Time Setting	1-99min By 10S			
Number Of Storage	15			
Heater	220V±15% 50HZ /110V±15% 60HZ/ 400W			
Balance	Input: 220V 50HZ / 110V 60HZ Output: 9V			
Chamber Height	22mm			



Intelligent Automatic Moisture Analyzer



Product Features

- Sample Name/ Company/ Contact information, etc can be entered
- Administrator/Operator Password access login
- Date&Time/ Store 200 historical sets
- Build-in sample testing solutions
- Available printed labels
- WIFI/APP data association(option)
- Available in English and Chinese
- GLP/GMP format record
- Without sample warm up/ Temperature calibration
- Automatic calibration period setting (Internal calibration)
- Dual moto drive automatic door
- Super silent fan

Parameter

Model	MB113E	MB113EAD	MB114EAD
Capacity(g)	110	110	110
d (g)	0.001		0.0001
Sensor	HBM		Magnetic Sensor
Display	7 Inch touch Screen		
Open Chamber	Manual	Automatic	Automatic
Calibration	External Calibration	External Calibration	External Calibration
Min (g)	0.004		0.0004
Temp Range	40~200 ℃（Optional 230 ℃）by 1 ℃ Step		
Stable Time	≤3s		
Pan size	Φ96mm		
Operation temp	5-35 ℃		
Test Mode	Standard/Fast/Soft	Standard/Fast/Soft/Customize	
Stop Mode	Automatic/Manual/Timing	Automatic/Manual/Timing/Steps/Goal	
Heat Unit	Halogen		
Output	RS232、USB（Optional）		
Storage	200 groups of address , 200 groups of test reports		
Function	Sample Name /Company Name/ Contact Information ect		
	Administrator/ Operator Password to Login in		
	Date & Time / Store 200 sets history data		
	Build-in Sample testing solutions		
	Available Printed Labels		
	WIFI / Cloud Service (Optional)		
	Chinese and English		
	GLP/GMP Format Record		
	No sample required, one-key preheating/ Temperature Calibration		
	Automatic calibration time setting (For Internal Calibration)		
	Dual Motor Drive Automatic Door		
	Super Silent Fan		

