Moisture Balance
IBMH-1100(220V/50Hz)



Moisture Balance IBMH-1100 measures moisture content with increased precision and efficiency with halogen-infrared heat source features, PT100 sensor to ensure process repeatability and wide data storage capacity along with LCD to display time, temperature and weighing results all at a time. Application area including biology, food, agriculture, pharmacy, textile, dye and research industries to resolve moisture content in a product. A single 400 W halogen lamp heats samples at 1 °C selectable rises. Equipped with color keys to enable quick recognition. Temperature range 5 to 35℃ and have capacity to weigh up to about 110 g with readability 5 mg, 2 mg , and 1 mg.

Iris moisture balance is perfect for measuring moisture in most products including grains, pharmaceuticals, soils, sludge and chemicals. The amount of moisture in a product can greatly affect perceived quality. This measurement is key in quality control process of material as it qualifies quality or purity of a product.

There are different types of heating elements to be considered: ceramic, halogen and quartz elements. Each element offers heating properties so you should consider your application before choosing the appropriate one. Our tech support team can help you to select the relevant model.

Technical Specification:

Model	IBMH-1100(220V/50Hz)
Capacity	110 g
Moisture Range	0.00 to 100 %
Temperature Range	40 to 199℃
Dry Residual	100 to 0.00 %
Resolution	5 mg
Moisture Readability	0.10%
Dry Residual Readability	0.10%
Display	Backlight LCD
Heat Source	1-Halogen Lamp
Pan Dimensions	90 mm
Sensor	PT-100
Temperature Increment	1℃
Auto Stop	0.1 to 9.9% within 1 minute
ATRO	100 to 999 %
No. of Storage Data	15
Timer Range	1 to 99 min by 1 sec step
Working Temperature	5 to 35℃
Certification	CE
Dimensions	490×360×350 mm
Net Weight	7.5 kg
Electrical Requirements	220V/50Hz
Catalogue No.	6801400502

Technical Data:

Model	IBMH-1100		IBMH-1200		IBMH-1300	
Capacity	110 g					
Moisture Range	0.00 to 100 %					
Operating Temperature	5 to 35?					
Temperature Range	40 to 199?					
Dry Residual	100 to 0.00 %					
Resolution	5 mg		2 mg		1 mg	
Moisture Readability	0.10%		0.04%		0.01%	
Dry Residual Readability	0.10%		0.04%		0.01%	
Display	Backlight LCD					
Heat Source	1-Halogen Lamp					
Pan Dimension	90 mm diameter					
Sensor	PT-100					
Temperature Step	1?					
Auto stop	0.1 to 9.9% within 1 minute					
ATRO	100 to 999 %					
ATRO	0 to 999 %					
No. of Storage Data	15					
Certification	CE certified					
Time Range	1 to 99 min by 1 sec step					
Power Consumption	400 W					
Dimension	490×360×350 mm					
Weight	7.5 kg					
Electrical Requirement of Balance	115V/50Hz	220V/50Hz,	115V/50Hz	220V/50Hz,	115V/50Hz	220V/50Hz,
Catalogue No.	6801400501	6801400502	6801401001	6801401002	6801401501	6801401502



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States