Moisture Balance
IBMH-3300(110V/60Hz)



Moisture Balance IBMH-3300 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 touch panel 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 from 110 g to 210 g with readability of 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-3300(110V/60Hz)
Capacity	110 g
Moisture Range	0.00 to 100 %
Resolution	1 mg
Moisture Readability	0.01%
Dry Residual Readability	0.01%
Display	Backlight LCD
Heat Source	1-Halogen Lamp
Pan Dimensions	100 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	20
Timer Range	1 to 99 min by 10 sec step
Dimensions	200x75x135 mm
Net Weight	7.5 kg
Electrical Requirements	110V/60Hz, 400W
Catalogue No.	6801501501

Technical Data:

Model	IBMH-3100		IBMH-3200		IBMH-3300		IBMH-3400	
Capacity	110 g						210 g	
Moisture Range	0.00 to 100 %							
Operating Temperature	5 to 35?							
Temperature Range	40 to 230?							
Dry Residual	100 to 0.00 %							
Resolution	1 mg							
Moisture Readability	0.01%							
Dry Residual Readability	0.01%							
Display	Backlight LCD							
Heat Source	1-Halogen Lamp							
Pan Dimension	100 mm							
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	20							
Certification	CE certified							
Time Range	1 to 99 min by 10 sec step							
Power Consumption	400 W							
Host Dimension	215x195x415 mm							
Indicator Dimension	200x75x135 mm							
Weight	7.5 kg							
Electrical Requirement of Balance	220V/50Hz, ±15% , 110V/60Hz, 9v							
Electrical Requirement of Heater	110V/60Hz, 400W	220V/50Hz,, 400W	110V/60Hz, 400W	220V/50Hz,, 400W	110V/60Hz, 400W	220V/50Hz,, 400W	110V/60Hz, 400W	220V/50Hz,, 400W
Catalogue No.	6801500501	6801500502	6801501001	6801501002	6801501501	6801501502	6801502001	6801502001



Iris Analytical Ltd.

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