Halogen Moisture Analyzer FM-HMA-A100



Description :

Halogen Moisture Analyzer FM-HMA-A100 is a benchtop designed moisture analyzer which requires users to manually unlock door of heating chamber for analysis. Features a moisture sensor, 40 to 199 °C adjustable drying temperature, 15 different drying profiles or programs stored to memory of analyzer, large intuitive interface, capacity of 10 mg to 110 g and readability of 10 mg. It is a quick and accurate way of determining moisture by Thermogravimetric measurement in which, sample is weighed and heated with an infrared radiator halogen lamp. Loss in weight is continuously recorded plus drying ends once a defined criterion is reached thereby, displays loss of moisture and weight on backlight LCD screen during estimation.

Specifications :

Range	10 mg to 110 g
Readability	10 mg
Temperature range	40 to 199°C
Heat source	Halogen lamp-1
Pan size	90 mm diameter
Operating temperature range	5 to 35°C
Temperature sensor	PT-100
Temperature step	1°C
Temperature setting	40 to 199°C by 1°C step
Time setting	1 to 99 min by 10s step
Auto stop	0.1 to 9.9 % within 1 min

Dry residual range	0 to 100 %
Dry residual readability	0.002
Moisture range	0 to 100 %
Moisture readability	0.002
Number of storage data	15
Number of history data	15
Display	5 inch LCD with keypad
Interface	RS232
Machine dimension	490 × 360 × 350 mm
Gross weight	7.5 kg

Features :

- Halogen-heated drying chamber
- 5-inch LCD display with touch keypad for key functions
- Displays test values as percentage of dry weight (%) / Moisture (% m) / the weight (g)
- Weighing range: 10 mg to 110 g
- Weighing resolution or readability: 10 mg
- Moisture content measuring range: 0.00 to 100.00 %
- Moisture content resolution or readability: 0.2 %
- Adjustable drying time and temperature
- Memory stores up to 15 drying profiles
- Ergonomically designed pan handle
- Stainless steel drying pan is quick and easy to clean
- Manual setting for temperature and time
- RS232 user interface or port to connect PC or printer

Applications:

Suitable for the testing and analysis of samples of materials such as wood, pellets, biomass, granules, feed, food products and pastes. Also, designed for food, plastics and chemical moisture analysis.

Accessories:

Accessories no	Accessories name	Units
1.	Moisture Analyzer Mainframe	1 set
2.	Wind Cover	1 piece
3.	The sample pan holder	1 piece
4.	Tray handle	1 piece
5.	Aluminum sample pan	1 set of 50pcs

6.	100g standard weight	1 piece

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