Halogen Moisture Analyzer FM-HMA-A104



Description :

Halogen Moisture Analyzer FM-HMA-A104 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, 20 different drying profiles or programs stored to memory of analyzer, large intuitive interface, capacity of 1 mg to 110 g and readability of 1 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	1 mg to 110 g
Readability	1 mg
Temperature range	40 to 199°C
Heat source	Halogen lamp-2
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	0.0001
Moisture range	0 to 100 %
Moisture readability	0.0001
Number of storage data	20
Number of history data	20
Display	5 inch touch screen LCD panel
Interface	RS232
Machine dimension	490 × 360 × 350 mm
Gross weight	7.5 kg

Features :

- Halogen-heated drying chamber
- 5-inch touch screen panel LCD display
- Displays test values as percentage of dry weight (%) / Moisture (% m) / the weight (g)
- Weighing range: 1mg to 110 g
- Weighing resolution or readability: I mg
- Moisture content measuring range: 0.00 to 100.00 %
- Moisture content resolution or readability: 0.01 %
- Adjustable drying time and temperature
- Memory stores up to 20 drying profiles
- **Testing Mode:**
- Auto Mode: The mode suit for most sample for common moisture test;
- Soft Mode: Some fusible and volatility things can choose this mode;
- Fast Mode: Some stable and thermostable things can choose this mode
- 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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