Halogen Moisture Analyzer FM-HMA-A200



Description :

Halogen Moisture Analyzer FM-HMA-A200 is a benchtop automatic and intelligent moisture content analyzer designed with sensor opening automatic door for heating chamber. Incorporated with halogen heating lamp for rapid determination of moisture content and dry weight of test sample with range of 4 mg to 110 g. The sample is effectively placed in heating chamber at 35 cm height, yields accurate results. Features temperature setting of 40 to 230 °C, cable communication mode and RS232/RJ45/USB interface. User-friendly 7" touch panel LCD display illustrates test curve data and other test parameters.

Specifications :

Range	4 mg to 110 g
Readability	1 mg
Temperature range	40 to 230 °C
Communication mode	Cable
Rechargeable battery	Nil
Heat source	Halogen lamp
Pan size	100 mm diameter
Operating temperature range	5 to 35°C
Temperature sensor	PT-100
Temperature step	1°C
Temperature setting	40 to 230°C by 1°C

Time setting	1 to 99 min by 10s
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
Heater part power	220 V ± 15 % 50 Hz, 110 V ± 15 % 60 Hz, 400 W
Balance part power	Input: 220 V 50 Hz/ 110 V 60 Hz, Output: 9 V
Mechanical part machine	Input: 220 V 50 Hz/ 110 V 60 Hz, Output: 24 V (dual –drive)
Display	7 inch touch panel
Interface	RS232/USB
Operation height	275 mm
Chamber height	35 mm
Indicator dimension	200 × 75 × 135 mm
Unit dimension	215 × 195 × 415 mm
Gross weight	10 kg

Features :

- Halogen lamp heating mode
- Ergonomically designed pan handle
- 7-inch smart touch LCD display
- Automatic sensor opening door of heating chamber
- Displays test values as percentage of dry weight (%) / Moisture (% m) / the weight (g)
- Weighing range: 4 mg to 110 g
- Weighing resolution or readability: 0.001 g
- 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
- Long distance operation using smart touch panel
- Maximum 230°C heating temperature
- **Testing Mode:**
- Auto Mode: The mode is suitable for most of the samples for common moisture analysis
- Soft Mode: Some fusible and volatility things can choose this mode
- Fast Mode: Some stable and thermostable things can choose this mode
- Stainless steel drying pan is quick and easy to clean
- Manual setting for temperature and time
- Cable communication mode and RS232/RJ45/USB interface

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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