

Moisture Analyzer



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About us

Innova Bio-Meditech is one of the professional solution provider of laboratory and medical devices. Firmly committed to our mission of “sharing innovative bio-meditech solutions with the world”, we are dedicated to innovation in the fields of Biology Project, Life Science, Pharmacy Industry and Medical Treatment.

Innova Bio-Meditech possesses a sound distribution and service network with business partners in North and Latin America, Europe, Africa and Asia-Pacific etc. We have built up a well established R&D, manufacture network with 3 centers in Qingdao, Shanghai and Suzhou. Inspired by the needs of our customers, we adopt advanced technologies and transform them into accessible innovation. This means constant effort and research, in order to more fully understand the developments of the market, INNOVA produce constantly upgraded product ranges by adding new products year after year.

The passion for science

Contents

Smart Halogen Moisture Analyzer

<i>INO-MS Series</i>	01
<i>INO-100MW-T</i>	03

Halogen Moisture Analyzer

<i>INO-MW</i>	05
<i>INO-MW-A</i>	05

Moisture Regain Analyzer

<i>INO-MW-R Series</i>	07
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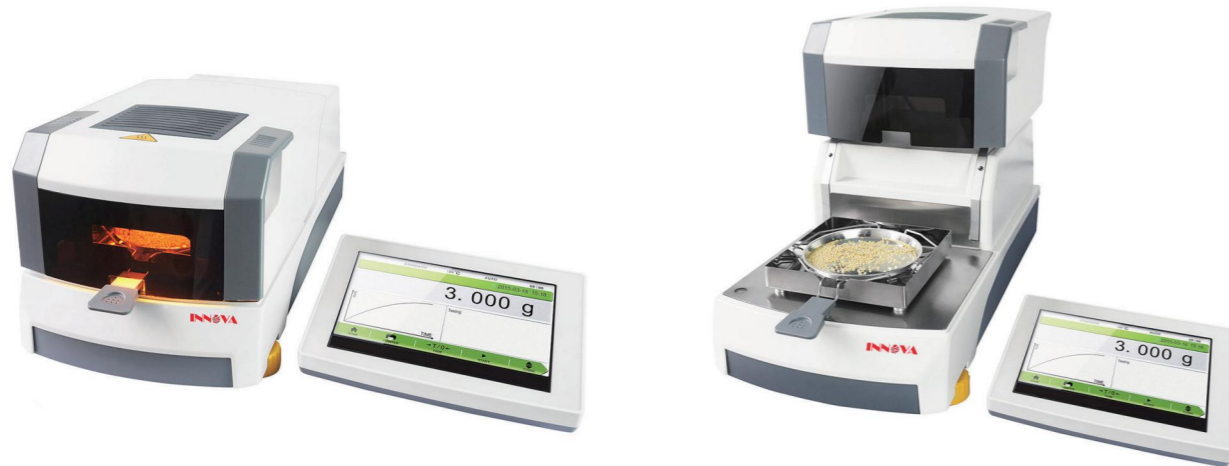
Infrared Moisture Analyzer

<i>INO-100MW-IR</i>	09
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Smart Halogen Moisture Analyzer

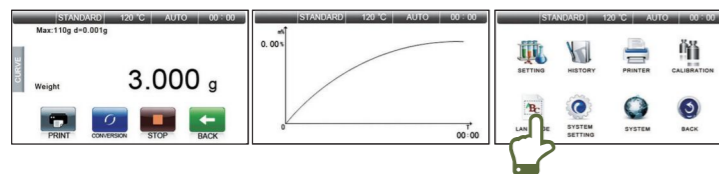
INNOVA Smart Halogen Moisture Analyzer (INO-MS, INO-MW-T) are equipped with a touch screen for easy operation. The moisture in the sample can reach the equilibrium end point within a few minutes to ten minutes to get the analysis result.

INO-MS Series



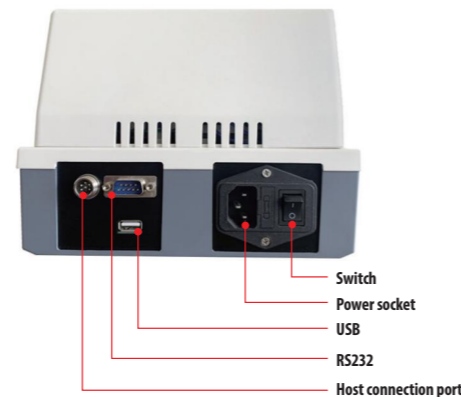
Main Features

- 7 inch touch screen
- Automatic door/Transparent window
- Highlight halogen lamp
- Polymer materials/Heat resistant molding
- Dual motor drive/Double fan design
- Temp.control/Stainless steel chamber
- Temperature/Time set
- The percentage of moisture content
- Store historical set
- Connect PC and printer
- Option: Printer/USB
- Real-time dynamic curve/Date and Time



TEST REPORT

MOISTURE DETERMINATION(I)
Machine Type: INO-100MS(plus)
Heating Mode: STANDARD
Stop Mode: AUTO STOP
Heating Temp: 130 °C
Elapsed Time: 03:25
MW: 2.056g
DW: 1.933g
Moisture: 5.98%AM



Technical Parameter

Model	INO-100MS	INO-100MS(plus)	INO-200MS	INO-200MS(plus)
Capacity	110g		210g	
Readability	0.001g			
Operating Temp	5 °C-35 °C			
Pan Size	Ø100mm			
Heat Source	Halogen Lamp			
Temp. Sensor	PT 100			
Temp. Range	40 °C-230 °C			
Temp. Step	1 °C			
Moisture Range	0.00%-100.00%			
Moisture Readability	0.01%			
Dry Range	100.00%-0.00%			
Dry Readability	0.01%			
Temp Setting	40 °C-230 °C By 1 °C Step			
Time Setting	1-99min by 1s			
Number of Storage	20			
Number of History	20			
Heater	220V ±15% 50HZ / 110V±15% 60HZ / 400W			
Balance	Input: 220V 50HZ / 110V 60HZ, Output: 9V			
Machine	Input: 220V 50HZ / 110V 60HZ, Output: 24V (Dual-drive)			
Host Dimension	215×195×415mm			
Indicator Dimension	200×75×135mm			
Operation Height	275mm			
Chamber Height	35mm			
Display	7 inch touch panel			
Interface	RS232 (Standard) / RJ45/USB (Optional)			
Communication Mode	Cable	Wireless	Cable	Wireless
Rechargeable Battery	No	10,000mAh	No	10,000mAh

INO-100MW-T



Main Features

- 5 inch touch screen/CH and EN switch
- Highlight halogen lamp/HBM sensor
- Aluminum shell/Stainless steel chamber
- Real-time dynamic curve/Date and Time
- Temperature/Time set
- The percentage of moisture content/dry residual
- Store historical set
- Option: Aluminum box/Printer/Grinder/USB



Technical Parameter

Mode	INO-100MW-T
Range	110g
Readability	0.001g
Operating Temp	5°C-35°C
Pan Size	Ø90mm
Heat Source	Halogen Lamp-2
Temp. Sensor	PT 100
Temp. Range	40°C-199°C
Temp. Step	1°C
Moisture Range	0.00%-100.00%
Moisture Readability	0.01%
Dry Range	100.00%-0.00%
Dry Readability	0.01%
Temp Setting	40°C-199°C By 1°C Step
Time Setting	1-99min by 10 s
Number of Storage	20
Number of History	20
Heater	220V ±15% 50HZ / 110V±15% 60HZ / 400W
Balance	Input: 220V 50HZ / 110V 60HZ, Output: 9V
Packing Size	490×350×360mm
Gross Weight	7.5kg
Display	5 inch touch panel
Calibration	External Calibration
Interface	RS232 (Standard) / USB (Optional)

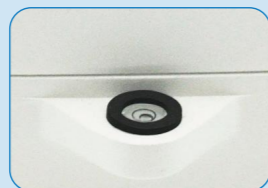
Halogen Moisture Analyzer

INNOVA Halogen Moisture Analyzer is equipped with halogen lamp for INO-MW and highlight halogen lamp for INO-MW-A. The moisture in the sample can reach the equilibrium end point within a few minutes to ten minutes to get the analysis result.

INO-MW / INO-MW-A



Silent breeze fan
Effectively protect the host from heat source



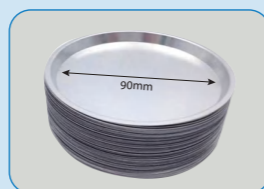
Level bubble
Level bubble more accurate adjustment
balance measurement more accurate



Adjust foot
More accurate



Halogen lamp
Ordinary halogen lamp for INO-MW series
Highlight halogen lamp for INO-MW-A series



50pcs Aluminum pan (standard)
Aluminum pan can be used repeatedly



Readings are clearer
LCD HD display adapt to different lights



RS232 interface
Which connect to Computer and Printer

Main Features

INO-MW Series

- Halogen lamp/HBM sensor
- Aluminum shell/Stainless steel chamber
- LCD
- Temperature/Time set
- The percentage of moisture content/dry residual
- Store historical set
- Option: Aluminum box/Printer/Grinder/USB

INO-MW-A Series

- Halogen lamp/HBM sensor
- Aluminum shell/Stainless steel chamber
- High definition LCD
- Highlight halogen lamp
- Temperature/Time set
- The percentage of moisture content/dry residual
- Store historical set
- Option: Aluminum box/Printer/Grinder/USB

Technical Parameter

Mode	INO-110MW	INO-105MW	INO-102MW	INO-100MW	INO-100MW-A
Capacity	110g				
Readability	0.01g	0.005g	0.002g	0.001g	0.001g
Operating Temp	5°C-35°C				
Pan Size	Ø90mm				
Heat Source	Halogen Lamp-1			Halogen Lamp-2	
Temp. Sensor	PT 100				
Temp. Range	40°C-199°C				
Temp. Step	1°C				
Moisture Range	0.00%-100.00%				
Moisture Readability	0.20%	0.10%	0.04%	0.01%	0.01%
Dry Range	100.00%-0.00%				
Dry Readability	0.20%	0.10%	0.04%	0.01%	0.01%
Temp Setting	40°C-199°C By 1°C Step				
Time Setting	1-99min by 10 s				
Number of Storage	15				
Heater	220V ±15% 50HZ / 110V±15% 60HZ / 400W				
Balance	Input: 220V 50HZ / 110V 60HZ, Output:9V				
Chamber Height	22mm				
Packing Size	490×350×360mm				
Gross Weight	7.5kg				
Display	LCD			High definition LCD	
Calibration	External Calibration				
Interface	RS232 (Standard) / USB (Optional)				

Moisture Regain Analyzer

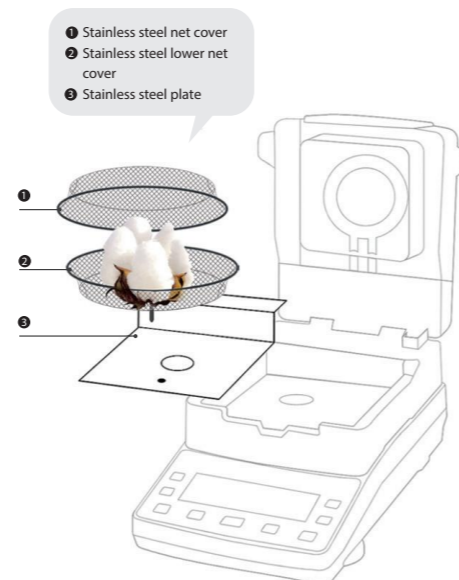
INNOVA Moisture Regain Analyzer (INO-MW-R) is a special equipment for textile moisture regain. The moisture in the sample can reach the equilibrium end point within a few minutes to ten minutes to get the analysis result.

INO-MW-R Series



Main Features

- Moisture regain of textile
- Test cotton, yarn, cloth, cashmere, silk, chemical fibrils...
- Stainless steel net-cover
- Highlight halogen lamp
- HBM sensor
- Aluminum shell
- Stainless steel chamber
- LCD (White back light with black font)
- Temperature/Time set
- The percentage of moisture regain
- Store historical set
- Option: Aluminum box/Printer



Technical Parameter

Mode	INO-105MW-R	INO-100MW-R
Capacity	110g	
Readability	0.005g	0.001g
Operating Temp	5 C -35 C	
Pan Size	Ø120mm	
Heat Source	Halogen Lamp	
Temp. Sensor	PT 100	
Temp. Range	40 C -199 C	
Temp. Step	1 C	
Regain Moisture Range	0.00%--+∞	
Regain Moisture Readability	0.10%	0.01%
ATRO	100%-999%	
ATRO	0%-999%	
Temp Setting	40 C -199 C by 1 C Step	
Time Setting	1-99min by 10 s	
Number of Storage	15	
Heater	220V ±15% 50HZ / 110V±15% 60HZ / 400W	
Balance	Input: 220V 50HZ / 110V 60HZ, Output: 9V	
Packing Size	490×350×360mm	
Gross Weight	7.5kg	
Display	LCD	
Calibration	External Calibration	
Interface	RS232	

Infrared Moisture Analyzer

INNOVA Infrared Moisture Analyzer(INO-MW-IR) can quickly verify the material and improve the efficiency.

INO-100MW-IR



Main Features

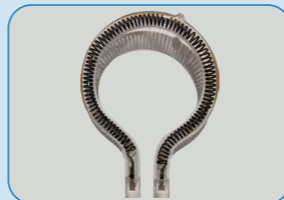
- Infrared lamp/HBM sensor
- Aluminum shell/Stainless steel chamber
- High definition LCD
- Temperature/Time set
- The percentage of moisture content/dry residual
- Store historical set
- Option: Aluminum box/Printer/Grinder



Heating chamber



Viewing window (frosted glass)



Infrared lamp

Technical Parameter

Mode	INO-100MW-IR
Capacity	110g
Readability	0.001g
Operating Temp	5 C -35 C
Pan Size	Ø90mm
Heat Source	Infrared Lamp
Temp. Sensor	PT 100
Temp. Range	40 C -160 C
Temp. Step	1 C
Moisture Range	0.00%-100.00%
Moisture Readability	0.01%
Dry Range	100.00%-0.00%
Dry Readability	0.01%
Temp Setting	40 C -199 C By 1 C Step
Time Setting	1-99min by 10 s
Number of Storage	15
Number of History	5
Heater	220V ±15% 50HZ / 110V±15% 60HZ / 400W
Balance	Input: 220V 50HZ / 110V 60HZ, Output: 9V
Packing Size	490×350×360mm
Gross Weight	7.5kg
Display	High Definition LCD
Calibration	External Calibration
Interface	RS232