

Laboratory Equipments - Balances - 01 Moisture Analyzer

XY SERIES MOISTURE ANALYZER

Rapid Regain Moisture Analyzer



XY-MW-R This special moisture analyzer for measuring moisture regain is designed with a dedicated program tailored for materials with high moisture regain such as wool, yarn, non-woven fabric, or relatively fluffy materials like feathers, foam, and tissues. It features excellent stability and repeatability.

Features and Advantages

- Moisture regain of textiles
- Test cotton, yarn, fabric samples, cashmere, silk, chemical fiber silk, etc
- Large-sized stainless steel mesh cover
- Highlight halogen lamp
- High-accuracy sensor
- HD LCD display
- Multi-layer stainless steel heating chamber
- Aluminum shell
- Temperature/Time setting
- Moisture regain percentage
- Store historical settings
- Option: Aluminum box/ Printer



XY SERIES MOISTURE ANALYZER

Infrared Moisture Analyzer



XY-MW-IR Infrared Moisture Analyzer utilizes infrared tube heating to test solid or surface-cruised samples with excellent stability and repeatability.

Features and Advantages

- Infrared Lamp
- High-precision sensor
- Aluminum shell
- Multi-layer stainless steel heating chamber
- Moisture content & remaining dryness (%)
- HD Backlight LCD display
- Temperature/Time setting
- Multiple drying programs memory
- Option: Aluminum case / Printer/Grinder



Technical Specifications

Rapid Regain Moisture Analyzer

	XY-105MW-R	XY-100MW-R
Capacity	• 110g	• 110g
Readability	• 0.005g	• 0.001g
Moisture regain range	• 0.00%~+∞	• 0.00%~+∞
Readability of moisture regain	• 0.10%	• 0.01%

Infrared Moisture Analyzer

	XY-100MW-IR
Capacity	• 110g
Readability	• 0.001g
Mositure Range	• 0.00%-100.00%
Mositure Readability	• 0.01%
Dry Range	• 100.00%-0.00%
Dry Readability	• 0.01%



General Parameters

	▶ XY-MW-R	▶ XY-MW-IR
Pan Size	Φ120mm	Φ90mm
Heat source	Halogen lamp	Infrared lamp
Temp. Sensor	High-precision thermal resistance	
Temp. Range	40°C~199°C 1°C Step	40°C~160°C 1°C Step
Display mode	HD LCD	HD Backlight LCD
Cal. Mode	External calibration	
Time setting	1-99min 10s Step	
Working Temp.	15-30°C	
Interface	RS232	
Data Storage	15 groups	15 storage addresses, 5 history records
Heater Power	220V±15% 50Hz / 110V±15% 60Hz / 400W	
Balance Power	Input:220V 50Hz / 110V 60Hz Output:9V	
Product Dimensions	365*235*185mm	
Packing Dimensions	485*340*350mm	
Gross Weight	7kg	

