

# MS-70 / MX-50 / MF-50

## MOISTURE ANALYZERS

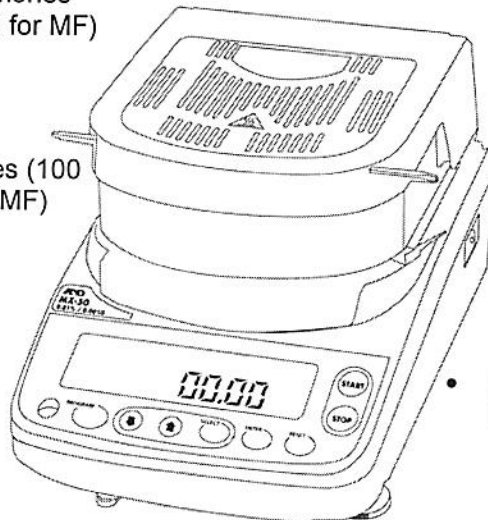
Test with the Best – True 0.05% (standard deviation)

- Test Parameter Memories (20 for MS & MX, 10 for MF)

- Test Result Memories (100 for MS & MX, 50 for MF)

- Start Temperature

- Max Temperature



- High repeatability of 0.01% with Super Hybrid Sensor Technology

- Full Digital Calibration

- Low Maintenance Cost

### FEATURES

- Fast & uniform heating with halogen lamp and uniquely designed SRA (Secondary Radiation Assist) filter
- WinCT-Moisture Software (standard with MS & MX, option with MF) displays a real-time graph of moisture content rate change
- Sodium Tartrate Dihydrate is provided as a stable moisture content for accuracy checks of the analyzer
- Five Measurement Programs:
  - Standard
  - Automatic
  - Timer
  - Manual
  - Quick
- Clear and easy-to-see VFD display
- Glass window for heating check and easy cleaning
- Self-check function
- Quick Reference Card
- Standard bi-directional RS-232C
- Conformity to GLP, GMP, GCP and ISO with time/date, ID, calibration data and check record outputs

## MOISTURE ANALYZER SPECIFICATIONS

	MS-70	MX-50	MF-50
Measurement Method	400 Watt straight halogen lamp heating system with SRA filter and SHS weighing technology		
Max Sample Weight Capacity	71 g	51 g	51 g
Weight Resolution	0.0001 g	0.001 g	0.002 g
Moisture Content Display	0.001/0.01%/1.1%	0.01/0.1%	0.05/0.1/1%
Moisture Content Accuracy over 1g over 5g	0.05%	0.10%	0.20%
	0.01%	0.02%	0.05%
Heating Technology	Halogen lamp (straight type, 400 Watt max, 5000 hours)		
Drying Temperature	50 ~ 200°C (1° increment)		
Measurement Program Memories	20 sets		10 sets
Data Memory	100		50
Measurement Programs	Standard / Automatic / Timer / Manual		
Measurement Modes	Wet base / Dry base / Solid content / Ratio		
Display Type	VFD		
Interface	Bidirectional RS-232C		
Communication Software	WinCT-Moisture standard		WinCT standard
Operating Temperature	5 ~ 40°C / 40 ~ 104°F		
GLP / GMP / ISO	available		
Self Check Function	standard		
Sample Pan Size	Ø85 mm / 2.16"		
Physical Dimensions/Weight	215mm(W) x 320mm(D) x 173mm(H) 8.46"(W) x 12.6"(D) x 6.8"(H) / approx. 13 lb		
Standard Accessories	20 sample pans, 2 pan handles, tweezers, spoon, test sample (30g of sodium tartrate dihydrate), display cover, dust cover, Instruction manual, quick reference card, power cable, 2 fuses, CD-Rom (WinCT-Moisture for MS-70 & MX-50, WinCT for MF-50), RS-232C cable for MS-70 & MX-50		

Specifications are subject to change for improvement without notice

## Additional Accessories and Options

AD-8121B	Compact Dot Matrix Printer	AX-37	Spoons (2ea)
MOIS-29	Bluetooth Transmitter (30')	AX-38	Display Covers (5ea)
AX-31	Sample Pans (Ø85mm x 100 each)	AX-39	Dust Cover
AX-32	Glass Fiber Sheets (Ø 70mm x 100 ea)	AX-42	WinCT-Moisture
AX-33	Sodium Tartrate Dihydrate, 30g x 12ea)	AX-43	Temperature Calibrator (ML-70 /MX-50)
AX-34	Halogen Lamp (replacement)	AD-1700-20G	Calibration Mass
AX-35	Pan Handles (2ea)	CC:MX	Storage/Carrying Case
AX-36	Tweezers (2ea)		



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