

MOISTURE ANALYZERS

MS-70/MX-50/MF-50/ML-50

Standard Features

- Fast and uniform heating with halogen lamp and uniquely designed (secondary radiation assist) SRA filter
- WinCT communication tools software
- Sodium tartrate dihydrate is provided as a stable moisture content for accuracy checks of the analyzer
- Vacuum fluorescent display (VFD)
- Glass window for heating check and easy cleaning
- Self-check function
- Quick reference card
- RS-232 interface for connecting to printer or PC
- GLP/GMP/GCP/ISO compliant with time and date, ID, calibration data and check record outputs

Specifications

Operating Modes:

Wet base, dry base, solid content, ratio

Measurement Programs:

Standard, automatic, timer, manual

Power:

120 VAC

Drying Temperature:

MS-70: 30 °C to 200 °C
MX-50, MF-50, ML-50:
50 °C to 200 °C (1 ° increment)

Measurement Program Memories:

MS-70, MX50: 20 sets
MF-50: 10 sets
ML-50: 5 sets

Data Memory:

MS-70, MX-50: 100
MF-50: 50
ML-50: 30

Moisture Content Display:

MS-70: 0.001%/0.01%/ 0.1%
MX-50: 0.01%/0.1%
MF-50: 0.05%/0.1%/1%
ML-50: 0.1%/1%

Moisture Content Accuracy

Over 1 g:

MS-70: 0.05%
MX-50: 0.10%
MF-50: 0.20%
ML-50: 0.50%

Over 5 g:

MS-70: 0.01%
MX-50: 0.02%
MF-50: 0.05%
ML-50: 0.10%

Temperature:

Operating:
40 °F to 104 °F (5 °C to 40 °C)

Heating Technology:

Halogen lamp (straight type, 400 watt max, 5,000 hours)

Est. Weight:

13 lb (5.9 kg)

Warranty:

Five-year limited

Return Policy:

A&D Weighing standard policy - restock fee may apply

Model	Capacity	Readability	Pan Size	Dimensions	Part #	List Price
MS-70	71 g	0.0001 g	Ø 2.16 in (85 mm)	8.46 × 12.6 × 6.8 in (215 × 320 × 173 mm)	97821	Consult
MX-50	51 g	0.001 g	Ø 2.16 in (85 mm)	8.46 × 12.6 × 6.8 in (215 × 320 × 173 mm)	97822	Consult
MF-50	51 g	0.002 g	Ø 2.16 in (85 mm)	8.46 × 12.6 × 6.8 in (215 × 320 × 173 mm)	97823	Consult
ML-50	51 g	0.005 g	Ø 2.16 in (85 mm)	8.46 × 12.6 × 6.8 in (215 × 320 × 173 mm)	112408	Consult

Options/Accessories

Part #	A&D Model #	Description	Price
97824	AX-31	Sample pans (washable, 100 each)	Consult
97825	AX-32-2	Glass fiber sheets (100 each)	Consult
97826	AX-33	Sodium tartrate dehydrate test samples (30 × 12 g)	Consult
97827	AX-34	Halogen lamp (replacement)	Consult
97828	AX-35	Pan handles (2 each)	Consult
97829	AX-36	Tweezers (2 each)	Consult
97830	AX-37	Spoons (2 each)	Consult
97831	AX-38	Protective in-use covers (5 each)	Consult
97832	AX-39	Dust cover	Consult
97833	AX-42	WinCT Moisture (standard for MS-70 and MX-50, option for MF-50)	Consult
97834	AD-1700-20G	Calibration mass (20 g)	Consult
97837	AX-43	Temperature calibrator (MS-70 and MX-50 only)	Consult
151247	AD-1688	Data logger	Consult
196128	AD-8127	Impact dot matrix, statistical printer, includes cable	Consult

