

# 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<sup>©</sup> 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%

### Operating Temperature:

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 <sup>©</sup> 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



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