

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%

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 warranty

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	85 mm (Ø 2.16 in)	215 x 320 x 173 mm (8.46 x 12.6 x 6.8 in)	97821	Consult
MX-50	51 g	0.001 g	85 mm (Ø 2.16 in)	215 x 320 x 173 mm (8.46 x 12.6 x 6.8 in)	97822	Consult
MF-50	51 g	0.002 g	85 mm (Ø 2.16 in)	215 x 320 x 173 mm (8.46 x 12.6 x 6.8 in)	97823	Consult
ML-50	51 g	0.005 g	85 mm (Ø 2.16 in)	215 x 320 x 173 mm (8.46 x 12.6 x 6.8 in)	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 x 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

