14 Liter Polycarbonate Open Bath System

MX14P100

Key Specifications

Description	14 L Open Bath System
Controller Type	MX
Display	3.25" LCD
Languages Supported	English
Working Temperature Range °C	Ambient +10° to 85°
Temperature Stability °C	±0.07°
Temperature Calibration Capability	1-point
Working Access (L x W x D) (cm)	31.4 x 15.6 x 20.3 cm
Pump Type	Pressure
Flammability Class (DIN 12876-1)	I (NFL)

Key Features

POLYCARBONATE OPEN BATHS

Features

- Advanced Programmable or MX Temperature Controller
- 8, 11, 14, 17, 23 or 28 liter reservoir
- Transparent polycarbonate reservoir lets you keep samples in clear view
- Elevated tank bottom provides secure hand holds when lifting or relocating bath, remains stable on uneven surfaces
- Controller bridge removes easily for tank cleaning, rests securely on reservoir top edge when in use
- Included bath cover reduces evaporation and improves temperature stability
- DuraTop™ chemical resistant bridge
- Lidded opening for optional cooling coil (17, 23 and 28 liter models)
- Drain port (17, 23 and 28 liter models)
- Complies with DIN 12876-1 Class I safety requirements for use with non-flammable liquids

Select a Controller

	Advanced Programmable (AP)	MX
Temperature Stability	±0.01ºC	±0.07ºC
Pump Type	Pressure/Suction, Variable-Speed	Pressure Only, 1-Speed
Programmability	Ten 100-step programs	N/A
Connectivity	USB A & B, Ethernet, RS-232/RS-485, External Temperature Probe	

Select a Reservoir

	8 Liter	11 Liter
Maximum Temperature	85ºC	85ºC
Working Access (L x W x D)	4.1 x 6.1 x 8 in 10.5 x 15.6 x 20.3 cm	8.3 x 6.1 x 8 in 21 x 156 x 20.3 cm

Common Specifications

Working Temperature Range °F	Ambient +20° to 185°
Working Temperature Range °C	Ambient +10° to 85°
Reservoir Capacity (gallons)	3.7

Reservoir Capacity (liters)	14
Reservoir/Tank Material	Polycarbonate
Reservoir Cover	Included
DuraTop	Yes
Working Access (L x W x D) (inches)	12.4 x 6.1 x 8 in
Working Access (L x W x D) (cm)	31.4 x 15.6 x 20.3 cm
Temperature Stability °F	±0.13°
Temperature Stability °C	±0.07°
Display	3.25" LCD
Display Resolution (Set)	0.1
Display Resolution (Read)	0.1
Pump Type	Pressure
Pump Speed	One
Process Connections	1/2" O.D. Barbed Tubes
Flammability Class (DIN 12876-1)	I (NFL)
Over-Temperature Protection / Failsafe Heater Control	Yes
Low Liquid Level Protection	Yes
Maximum Ambient Temperature °F	95°
Maximum Ambient Temperature °C	35°
Overall Dimensions (L x W x H) (inches)	20.9 x 8.2 x 17.4 in
Overall Dimensions (L x W x H) (cm)	53.2 x 20.8 x 44.1 cm
Environmental Compliance	RoHS, WEEE
Shipping Weight (pounds)	24.0
Shipping Weight (kilograms)	10.9
Catalog Page Number	64-65

60 Hz Only

Part Number	MX14P100-A11B
Maximum Pressure (psi)	2.3
Maximum Pressure (bar)	0.16
Maximum Pressure Flow Rate (gpm)	3.60
Maximum Pressure Flow Rate (l/min)	13.5
Included Hardware	Fitting Kit for External Applications

Heater Wattage	1100
Electrical Requirements (VAC/Hz/Ph/A)	120/60/1/10
Regulatory Approvals	ETL

50 Hz Only

Part Number	MX14P100-A12E
Maximum Pressure (psi)	1.8
Maximum Pressure (bar)	0.12
Maximum Pressure Flow Rate (gpm)	3.10
Maximum Pressure Flow Rate (l/min)	11.9
Included Hardware	Fitting Kit for External Applications
Heater Wattage	1100
Electrical Requirements (VAC/Hz/Ph/A)	240/50/1/6
Regulatory Approvals	CE