

# 28 Liter Polycarbonate Open Bath System



MX28P100

## Key Specifications

<b>Description</b>	28 L Open Bath System
<b>Controller Type</b>	MX
<b>Display</b>	3.25" LCD
<b>Languages Supported</b>	English
<b>Working Temperature Range °C</b>	Ambient +10° to 85°
<b>Temperature Stability °C</b>	±0.07°
<b>Temperature Calibration Capability</b>	1-point
<b>Working Access (L x W x D) (cm)</b>	31.5 x 30.5 x 20.3 cm
<b>Pump Type</b>	Pressure
<b>Flammability Class (DIN 12876-1)</b>	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

	<u>Advanced Programmable (AP)</u>	<u>MX</u>
<b>Temperature Stability</b>	±0.005°C	±0.07°C
<b>Pump Type</b>	Pressure/Suction, Variable-Speed	Pressure Only, 1-Speed
<b>Programmability</b>	Unlimited programs and steps	N/A
<b>Connectivity</b>	USB A & B, Ethernet, RS-232/RS-485, Remote On/Off, External Temperature Probe	

## Select a Reservoir

	<u>8 Liter</u>	<u>11 Liter</u>	
<b>Maximum Temperature</b>	85°C	85°C	85°C
<b>Working Access (L x W x D)</b>	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 15.6 x 20.3 cm	12.4 x 6.1 x 8 in 31.5 x 15.6 x 20.3 cm

## Common Specifications

<b>Working Temperature Range °F</b>	Ambient +20° to 185°
<b>Working Temperature Range °C</b>	Ambient +10° to 85°
<b>Reservoir Capacity (gallons)</b>	7.4
<b>Reservoir Capacity (liters)</b>	28
<b>Reservoir/Tank Material</b>	Polycarbonate
<b>Reservoir Cover</b>	Included
<b>DuraTop</b>	Yes
<b>Working Access (L x W x D) (inches)</b>	12.4 x 12 x 8 in
<b>Working Access (L x W x D) (cm)</b>	31.5 x 30.5 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
Reservoir Drain	Yes
Cooling Coil	Accessory
Maximum Ambient Temperature °F	95°
Maximum Ambient Temperature °C	35°
Overall Dimensions (L x W x H) (inches)	22.1 x 13.6 x 17.4 in
Overall Dimensions (L x W x H) (cm)	56.2 x 34.5 x 44.1 cm
Environmental Compliance	RoHS, WEEE
Shipping Weight (pounds)	56.0
Shipping Weight (kilograms)	25.4
Catalog Page Number	64-65

## 60 Hz Only

Part Number	MX28P100-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	MX28P100-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

<b>Heater Wattage</b>	1100
<b>Electrical Requirements (VAC/Hz/Ph/A)</b>	240/50/1/6
<b>Regulatory Approvals</b>	CE



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