# 23 Liter Polycarbonate Open Bath System

MX23P100

## Key Specifications

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|---|---|
| Description | 23 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) | 21 x 30.5 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

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|---|---|
| Working Temperature Range °F | Ambient +20° to 185° |
| Working Temperature Range °C | Ambient +10° to 85° |
| Reservoir Capacity (gallons) | 6.08 |

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|---|---|
| Reservoir Capacity (liters) | 23 |
| Reservoir/Tank Material | Polycarbonate |
| Reservoir Cover | Included |
| DuraTop | Yes |
| Working Access (L x W x D) (inches) | 8.3 x 12 x 8 in |
| Working Access (L x W x D) (cm) | 21 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) | 18 x 13.6 x 17.4 in |
| Overall Dimensions (L x W x H) (cm) | 45.7 x 34.5 x 44.1 cm |
| Environmental Compliance | RoHS, WEEE |
| Shipping Weight (pounds) | 45.0 |
| Shipping Weight (kilograms) | 20.4 |
| Catalog Page Number | 64-65 |

## 60 Hz Only

| | |
|---|---|
| Part Number | MX23P100-A11B |
| Maximum Pressure (psi) | 2.3 |
| Maximum Pressure (bar) | 0.16 |
| Maximum Pressure Flow Rate (gpm) | 3.60 |

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|---|---|
| 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 | MX23P100-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 |