

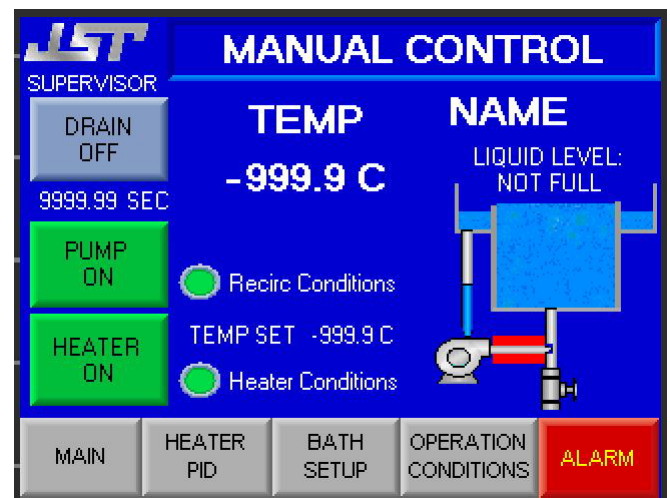
JST's Heated Filtered bath continuously filters process chemicals in a laminar flow direction from the bottom of the bath upward over a four-sided weir. The bath is designed to filter sub-micron particles and reduce chemical consumption.

A 12 inch inline filter housing accepts a standard 10 inch dual o-ring filter cartridge allowing users to install the type of filter cartridge they need depending on chemistry PH and particle removal size required.

Baths are available in 316L stainless steel or quartz with serrated overflow edges for uniformity.

The heating elements are bonded to the outer walls, insulated and contained with an outer shroud. The heating element in the double wall housing is purged with nitrogen. Inline heaters are recommended for large, high temperature baths that require a fast heat up time.

A dedicated touch screen PLC with a full PID control loop using a Type J thermocouple temperature probe controls the bath temperature. The controller has a programmable temperature set point and process timer. An audio alarm sounds if the bath goes out of the specified operating temperature. In an over temperature condition the controller will turn off the heaters. A heating element snap switch protects an over temperature condition in case the controller or probe fail. A liquid level detection monitors the chemistry level in the bath to keep a safe operating level.



BASIC FEATURES

- Temperature Range 40°C- 120°C +/- 0.5°C SideWall Heaters
- Thermocouple, Type J Teflon Coated Temperature probe
- Touch Screen PLC Controller
- Liquid Level Detection Interlocked to Pump
- Dual Diaphragm Pneumatic Pump.
- Air Operated Drain Valve
- Dispersion Cassette Platform.

OPTIONS

- Hinged or Auto lid
- Dedicated Drain to Carboy
- Flow Sensor
- Electrical Centrifugal Pump
- Auto Chemical Fill
- Auto Chemical Blending
- Pump Stroke Monitoring
- Temperature Range 40°C- 180°C +/- 0.5°C with Inline Heater

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HEATED FILTERED BATH

CASSETTE SIZE	MATERIAL	MODEL NUMBER
SINGLE 4 INCH	316L ELECTRO-POLISHED	570104BE
SINGLE 4 INCH	QUARTZ	530104G0
SINGLE 6 INCH	316L ELECTRO-POLISHED	570106BE
SINGLE 6 INCH	QUARTZ	530106G0
SINGLE 8 INCH	316L ELECTRO-POLISHED	570108BE
SINGLE 8 INCH	QUARTZ	530108G0
DUAL 4 INCH	316L ELECTRO-POLISHED	570204BE
DUAL 4 INCH	QUARTZ	530204G0
DUAL 6 INCH	316L ELECTRO-POLISHED	570206BE
DUAL 6 INCH	QUARTZ	530206G0
DUAL 8 INCH	316L ELECTRO-POLISHED	570208BE
DUAL 8 INCH	QUARTZ	530208G0

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