



JST's Static Heated Baths are designed to maintain uniform temperature for processing while meeting NEC and SEMI standards for safety. Quartz and 316 L grade stainless steel tanks have the heating element bonded to the outer walls, insulated and contained with an outer shroud. The heating element in the double wall housing is nitrogen purged and monitored for additional safety for solvent applications. PVDF and Teflon tanks have submersible Teflon coated heaters resting in the bottom of the tank.

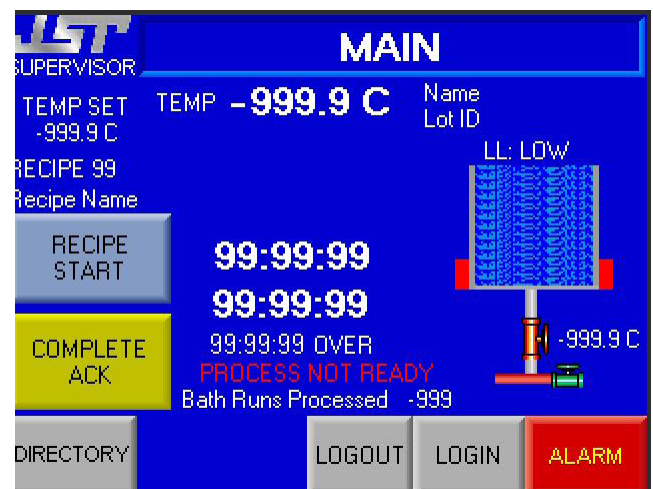
A dedicated touch screen PLC with a full PID control loop using a Type J thermocouple temperature probe controls the bath temperature. The controller has a programmable temperature set point and process timer. An audio alarm sounds if the bath goes out of the specified operating temperature range. In 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.

FEATURES

- Temperature Range 40°C- 120°C +/- 0.5°C
- Thermocouple, Type J Teflon Coated Temperature Probe
- Touch Screen PLC Controller
- Liquid Level Detection
- Semi and NEC Compliant.
- 1" Sloped Bottom Drain Port
- Air Operated Drain Valve

OPTIONS

- Condensing Cooling Coils
- Dedicated Drain
- Liquid Level Keep Full
- Auto Fill
- Nitrogen Heater Purge Monitor Interlocked to EPO
- Dilution Drain Valve.
- Dedicated Drain to Carboy or House Facility.



MATERIALS

- Quartz
- PVDF
- Teflon
- 316L Stainless Steel

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STATIC HEATED BATH

CASSETTE SIZE	MATERIAL	MODEL NUMBER
SINGLE 4 INCH	316L ELECTRO-POLISHED	560104BE
SINGLE 4 INCH	QUARTZ	520104G0
SINGLE 4 INCH	TEFLON	520104T0
SINGLE 6 INCH	316L ELECTRO-POLISHED	560106BE
SINGLE 6 INCH	QUARTZ	520106G0
SINGLE 6 INCH	TEFLON	520106T0
SINGLE 8 INCH	316L ELECTRO-POLISHED	560108BE
SINGLE 8 INCH	QUARTZ	520108G0
SINGLE 8 INCH	TEFLON	520108T0
DUAL 4 INCH	316L ELECTRO-POLISHED	560204BE
DUAL 4 INCH	QUARTZ	520204G0
DUAL 4 INCH	TEFLON	520204T0
DUAL 6 INCH	316L ELECTRO-POLISHED	560206BE
DUAL 6 INCH	QUARTZ	520206G0
DUAL 6 INCH	TEFLON	520206T0
DUAL 8 INCH	316L ELECTRO-POLISHED	560208BE
DUAL 8 INCH	QUARTZ	520208G0
DUAL 8 INCH	TEFLON	520208T0

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