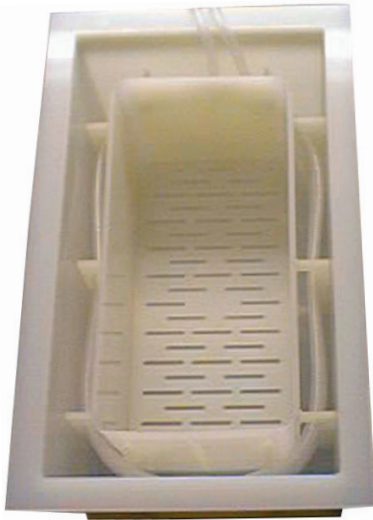


JST's Constant Temperature bath maintains accurate temperature control and particle removal. The recirculated chemistry flow enters the bottom of the process bath, directed in a laminar flow up to a four sided overflow weir then returned back through a pump and filter prior to returning to the process bath. The bath is design to filter sub-micron particles and reduce chemical consumption.

The chemistry temperature is controlled by a remote heat/chiller unit using closed loop coils that transfer and maintain the temperature in the bath.

A dedicated touch screen PLC with a full PID control loop controls the process parameters and process times. A thermocouple probe monitors the process temperature, high and low temperature set points and the alarms. A liquid level monitors the liquid level in the tank and has an audio alarm and interlock to shut off the pump at low liquid level.

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.

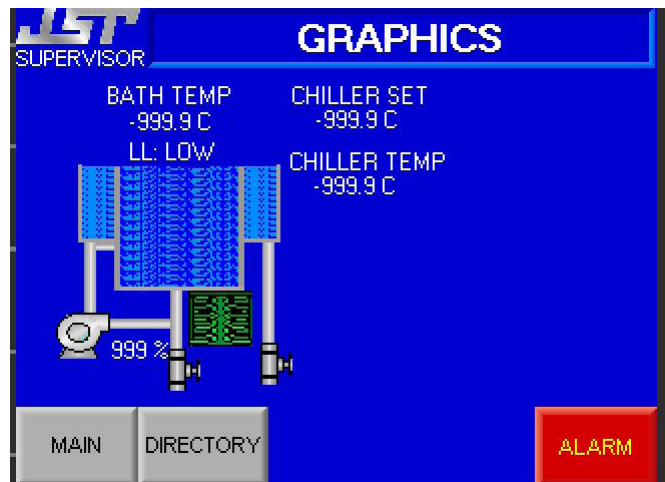


BASIC FEATURES

- Temperature Range 10°C- 50°C +/- 0.5°C
- Thermocouple, Type J Teflon Coated Temperature Probe
- Touch screen PLC
- Liquid Level Detection Interlocked to Pump
- Dual Diaphragm Pneumatic Pump
- Air Operated Drain Valves

OPTIONAL FEATURES

- +/-0.1°C Solid State Chiller/Heater Unit
- Centrifugal Electric Pump
- Liquid Level Keep Full
- Auto Chemical Fill
- Auto or Manual Lid
- Dual Filter Housings
- Auto Chemical Mixing in the Bath



MATERIALS

- Natural Polypropylene
- PVDF
- Teflon
- 316L Stainless Steel

CONSTANT TEMPERATURE BATH

CASSETTE SIZE	MATERIAL	MODEL NUMBER
SINGLE 4 INCH	PVDF	510104G0
SINGLE 4 INCH	NATURAL POLYPROPYLENE	510104P0
SINGLE 4 INCH	TEFLON	510104T0
SINGLE 6 INCH	PVDF	510106G0
SINGLE 6 INCH	NATURAL POLYPROPYLENE	510106P0
SINGLE 6 INCH	TEFLON	510106T0
SINGLE 8 INCH	PVDF	510108G0
SINGLE 8 INCH	NATURAL POLYPROPYLENE	510108P0
SINGLE 8 INCH	TEFLON	510108T0
DUAL 4 INCH	PVDF	510204G0
DUAL 4 INCH	NATURAL POLYPROPYLENE	510204P0
DUAL 4 INCH	TEFLON	510204T0
DUAL 6 INCH	PVDF	510206G0
DUAL 6 INCH	NATURAL POLYPROPYLENE	510206P0
DUAL 6 INCH	TEFLON	510206T0
DUAL 8 INCH	PVDF	510208G0
DUAL 8 INCH	NATURAL POLYPROPYLENE	510208P0
DUAL 8 INCH	TEFLON	510208T0

Wet Processing and Precision Cleaning Technology

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