



# SENTRY SINGLE LINE

## Single Line Conditioning Module

### SAMPLE CONDITIONING

Sentry® single line sample panels are pre-piped assemblies used to simplify the conditioning of steam, water or non-hazardous process samples. With the addition of cooling water, safe and representative samples can be obtained from individual sampling sites that are remotely located throughout the plant or from a small number of samples in a central location.

There are two versions of Sentry single line sample panels — one for grab samples only (SL100) and the other for both grab samples and to condition the sample for on-line analysis (SL200).

### MODELS

SL100L | SL100H | SL200L | SL200H

### BENEFITS

Sentry single line panels can be mounted in a variety of rack configurations to create custom sample systems. Both the freestanding and wall mountable racks come with full-width worktable sinks and pre-piped cooling water headers to reduce installation time and cost.

Whether an individual single line sample panel or an integrated rack, solutions are completely engineered to meet the application requirements.

### FEATURES

- Low pressure models (SL100L & SL200L) are appropriate for samples up to 500 psig at 450°F (34 barg at 232°C)
- High pressure models (SL100H & SL200H) handle samples up to 3030 psig at 1000°F (209 barg at 538°C)
- High pressure panels rated up to 5000 psig (345 barg) are available upon request
- Individual single line panels or multi-panel racks can be customized to meet your specific requirements
- Complete mechanical and electrical systems with full documentation are available
- Add an analyzer or other analysis product
- Create a complete sample system with analyzers and conditioning on the same rack
- Use the back side of a freestanding floor rack to mount analysis equipment
- Combine critical conditioning and analysis on a portable skid



SL200H



Freestanding Floor Rack



Sample. Monitor. Measure.  
**SENTRY**  
Any Application. Anywhere.

Components	SL100L/H		SL200L/H	
	Std	Opt	Std	Opt
TLR-4225 Sample Cooler (SC-1)	●		●	
Temperature Indicator (TI-1)	●		●	
Sink	●		●	
Cooling Water Valves	●		●	
Sample Isolation Valve (V-1/V-2)	●		●	
Pressure Reducing Valve (PCV-1 or VREL)	●		●	
Back Pressure Regulator (BPR/RV)			●	
Analyzer Connection			●	
Total Flow Indicator (FI)		●	●	
FLR-6225 Sample Cooler (SC-1)		●		●
Cooling Water Sight Glass (CWSG)		●	●	
Secondary Sample Cooler (SC-2)		●	●	
Shell Side Relief Valve		●	●	
Thermal Shut-Off Valve (TSV-1)		●	●	
Floor/Wall Mounted Rack		●	●	
High Pressure Blowdown Valve		●	●	
Low Pressure Blowdown Valve (V-3)			●	
Sample Side Relief Valve			●	
Sample Filter (F-1)			●	
Pressure Indicator (PI-1)			●	
Sample Sentry II			●	

