

REACT AUTO-SAMPLER

Real-Time Thermal Fluid Condition Monitoring

**Smarter Monitoring.
Safer Systems. Better Decisions.**

The React Auto-Sampler combines the proven safety and accuracy of the TFS Safe Sample Station with the real-time intelligence of the Active Guardian platform, delivering continuous insight into your thermal fluid system.

CONTINUOUS VISIBILITY WITH ACTIVE GUARDIAN

Active Guardian is TFS' digital monitoring and analysis platform, providing real-time visibility of:

- System performance
- Energy usage
- Sustainability impact
- Operational safety

By combining real-time monitoring with off-line analysis of live system data, it enables a shift from reactive maintenance to proactive, informed decision making.

INTELLIGENT RESPONSE TO CHANGE

The React Auto-Sampler continuously monitors your system and responds automatically to:

- Changes in thermal fluid condition
- Variations in critical operating parameters

When a deviation occurs, the system:

- Alerts personnel instantly, on-site or remotely
- Captures a fluid sample at the exact moment of change

This event-based sampling provides highly accurate data for root cause analysis and corrective action.

MORE INFORMATION

TAILORED TO YOUR SYSTEM

Designed for flexibility, the system can be configured to meet your specific operational requirements:

- Wide range of compatible sensors
- Custom alarm and alert settings
- Adjustable sampling triggers

Each installation is optimised for performance, reliability, and insight.

BUILT FOR DEMANDING ENVIRONMENTS

Engineered for high pressure and high temperature conditions, the React Auto-Sampler operates as a critical secondary micro-circuit within your system. It continuously supports:

- System health
- Operational safety
- Performance efficiency



KEY BENEFITS

- 24/7 real-time monitoring
- Immediate alerts and remote visibility
- Automatic event-based sampling
- Improved root cause analysis
- Enhanced safety and reliability
- Data-driven, proactive decision making

TRANSFORM YOUR THERMAL FLUID MANAGEMENT

Speak to TFS today to assess your fluid and unlock performance improvements.

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