DIAGNOSTICS

The Fisher™ FlowScanner™ 6000: The best way to accurately diagnose a control valve – "No Disassembly Required"

- Is your valve working correctly and providing good process control?
- How do you know what to do if there are issues?
- How do you know the data is being interpreted correctly?
- How do you evaluate the risk of a problem developing with a valve?

Emerson is uniquely qualified to help answer these questions.

Fisher control valve engineers invented valve diagnostics when first introducing the FlowScanner valve diagnostic system in 1990. As the service entity of the world's largest control valve manufacturer, Lifecycle Services for Fisher products has successfully tested thousands of Fisher and other OEM control valves. Our unparalleled knowledge and expertise in accurate test data analysis saves customers millions of dollars by eliminating unnecessary maintenance or repair work, ensuring that control valves are working properly when brought on-line.

Imagine the advantages of an easy-to-use, portable valve diagnostic tool that can tell you about the health of your control valve assets. With the FlowScanner 6000 valve diagnostic system, you can analyze a control valve's dynamic response, monitor valve performance under process conditions, trend valve performance, and isolate repair needs. Accurate analysis of the high-quality data provided by the FlowScanner 6000 can help you to improve process efficiency, reduce downtime, and decrease your maintenance expenses by leveraging the power of predictive diagnostics.

The portable FlowScanner 6000 is used to evaluate current operating conditions without having to disassemble or remove your control valves from the process. The FlowScanner system is flexible enough to run a variety of tests, including:

- Dynamic Scan
- Static Point Scan
- Step Change
- Stepped Ramp
- Stepped Study
- Sine Wave Response

Any PC laptop capable of running Windows XP or Windows 7 can be used to process the data gathered through versatile, accurate travel and pressure sensors. Expert diagnostic data analysis helps identify problems and determine appropriate maintenance before operations are affected—regardless of control valve manufacturer. Every FlowScanner 6000 unit is 10CFR50 Appendix B compliant with verified and validated hardware and software.

FISHER™

EMERSON™
Process Management

Simple to hook up, or go wireless.

The FlowScanner's standard channel ranges extend to +24 Vdc and 150 psi, including scaling factors, can accept strain gauge inputs into the +/- Vdc dedicated channels, and can be operated without removing it from the case. Its lithium ion battery gives a full eight hours of use and requires less than half that time to recharge. The FlowScanner 6000 can connect directly to most modern laptops running Windows XP or Windows 7 using a standard crossover 10BaseT Ethernet cable, eliminating the need for a hub, or a LAN.

The FlowScanner can also be used with common WiFi (802.11b) Ethernet technology, making it an essential tool for diagnosing valves in hazardous environments. Simply connect the sensors once, and you can conduct routine testing safely outside the containment area or other dangerous zones.

While the FlowScanner 6000 sets the standard for portability, ease of use, and safety, Lifecycle Services for Fisher products offers a full complement of onsite valve diagnostics and calibration to supplement and support a proactive maintenance plan. Emerson's certified technicians arrive at your site equipped with our certified and calibrated FlowScanner units to test and diagnose your control valves—no disassembly required. Then they will provide an easy to understand report of valve conditions along with a quotation for any necessary maintenance or repair. For more information or to schedule service, contact your Emerson local business partner.

Scan with your mobile device or visit www.EmersonProcess.com/valvediagnosticservices to learn more.

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