



ValScope®-PRO

Save Money and Time with the All-In-One Control Valve Diagnostic Tool

Diagnose the performance of any control valves and maximize process uptime



The ValScope-PRO from Dresser® Masoneilan® is a control valve diagnostic tool capable of testing and validating the health of any control valve whether it is equipped with a conventional or digital valve positioner. Such diagnostic capability provides an opportunity for substantial savings in control valve maintenance and optimal performance.

User Friendly

Lightweight, portable and rugged, ValScope-PRO is easy to set-up on any control valve anywhere in a facility, saving time and expense while delivering very precise diagnostics. The ValScope-PRO also features an intuitive touchscreen interface for simple operation. ValScope-PRO advanced data processing functionality allows a technician to view information quickly and clearly through an easy-to-read “medical record” report. The diagnostics signatures and results can then be uploaded to Dresser Masoneilan’s ValvKeep® for life cycle management of the control valve.

Tests Valves In-Place

ValScope-PRO gives you the ability to save the high expense of removing valves from operation and increase uptime by testing valves in place. ValScope-Pro gives

you the tool you need to pre-order replacement parts, remove valves from service only when necessary, and return valves to service quickly. Additionally, ValScope-PRO enables you to check and calibrate positioners in-line.

Powerful Diagnostic Capabilities

Dresser Masoneilan’s ValScope-PRO system features some of the industry’s most advanced diagnostic capabilities. It can perform diagnostics and calibration to monitor the health status of any pneumatic valve system or sub-assembly. The powerful software is capable of testing more than 35 different criteria, including profile, deadband, step response and frequency. ValScope-PRO can also sequence tests to run automatically.

Backed by Proven Expertise

Dresser Masoneilan authorized service professionals have years of proven expertise in analyzing valve signatures collected with the ValScope-PRO system. They have the technical know-how and industry knowledge to help you maximize testing results for overall operations efficiency and competitive advantage.



ValScope®-PRO Key Features

- High performance microprocessor-based data acquisition system in a rugged laptop design
- Analog (4-20 mA), FOUNDATION™ Fieldbus and HART® protocol / communication / testing
- On/Off solenoid testing
- Touchscreen for easy operation
- Intuitive, user friendly graphic interfaces for easy setup and operation
- Setup, configure, and calibrate positioners, valves and I/P's
- Selectable pass / fail criteria for all valve types, including actuator size, packing material and positioner
- Programmable test sequencer
- No external power needed
- Exceptional battery life for extended operation (eight hours)
- Easy-to-use database for quick look-up and printing of tests and results
- Direct interface with ValvKeep® maintenance software package
- Color coded cabling for easy hook up of transducers
- Unique light weight hardware attachment kit for testing all major control valve brands with various actuator types (diaphragm / piston or linear / rotary)
- Cable extensions provide for an additional 30' of reach
- Rugged lightweight design (< 20 lbs)
- ProView desktop software allows engineers to view and analyze signatures
- Easy straightforward report generation for customers
- Customized reports including MARC® logo's

Commercial Terms

- ValScope-PRO is offered exclusively for Masoneilan Authorized Repair Centers® (MARC®)
- ValScope-PRO is the only diagnostic testing tool approved by Dresser Masoneilan



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