

Masoneilan

a Baker Hughes business

Masoneilan™ ValScope™ - Pro

All in-One Control Valve Diagnostic Tool

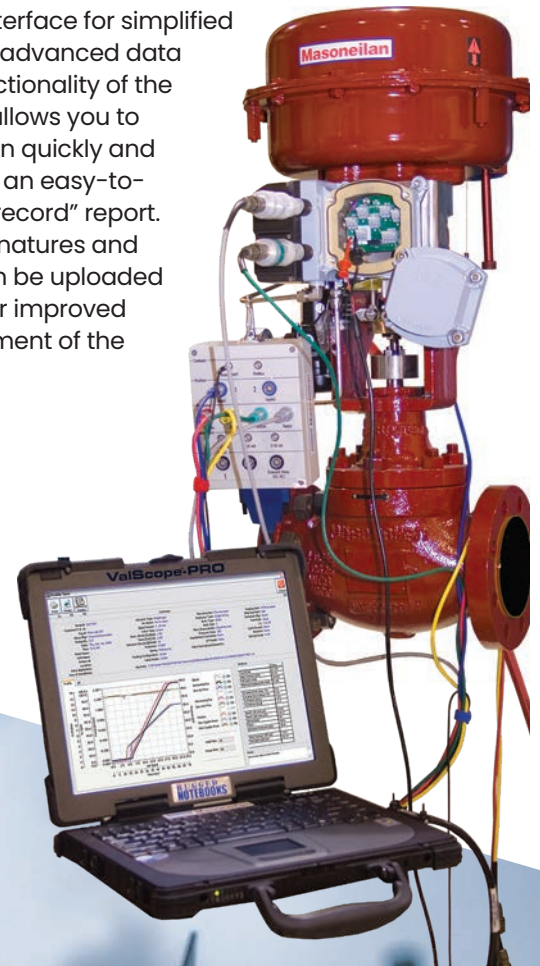
Diagnose the performance of control valves and improve process uptime

The ValScope-Pro from Baker Hughes' Masoneilan product line is an all-in-one diagnostic tool for testing and validating the health of control valves, whether the valves are equipped with a conventional or digital valve positioner. ValScope-Pro can help you save money on control valve maintenance while helping improve valve performance.

Easy to Use

Lightweight, portable and rugged, ValScope-Pro is simple to set up on control valves just about anywhere in your facility, saving you time and money while delivering precise diagnostics. Our ValScope-Pro also features an intuitive

touchscreen interface for simplified operation. The advanced data processing functionality of the ValScope-Pro allows you to view information quickly and clearly through an easy-to-read "medical record" report. Diagnostics signatures and results can then be uploaded to ValvKeep™ for improved cycle management of the control valve.



Test Valves In-Situ

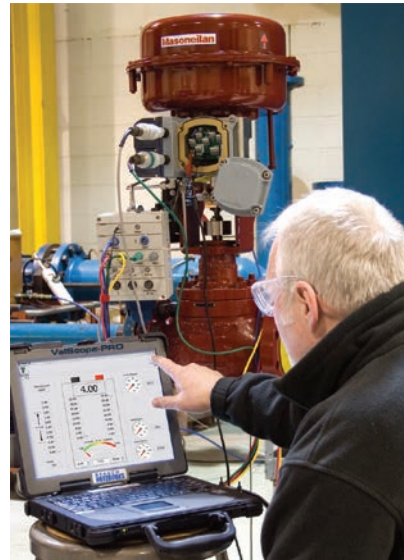
ValScope-Pro allows you to avoid the expense of removing valves from operation and increase facility uptime by testing your valves in-situ. ValScope-Pro can improve your capability when pre-ordering replacement parts, removing valves from service only when necessary and quickly returning valves to service. Additionally, ValScope-Pro enables you to check and calibrate positioners in-line.

Powerful Diagnostic Capabilities

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 just about any pneumatic valve system or sub-assembly. ValScope-Pro's 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 Experience

Baker Hughes' authorized service professionals have years of proven experience in analyzing valve signatures collected with the ValScope-Pro system. With unsurpassed technical expertise and industry knowledge, Baker Hughes can help you get more out of your test results, enhancing your operational efficiency and improving your competitive position.



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
- Set up, configure, and calibrate positioners, valves and I/Ps
- Selectable pass/fail criteria for all valve types, including actuator size, packing material and positioner
- Programmable test sequencer
- Requires no external power source
- Up to eight hours of battery life for extended operation
- Easy-to-use database for quick retrieval and printing of tests and results
- Direct interface with ValvKeep maintenance software package
- Color-coded cabling for easy hook up of transducers
- Unique lightweight hardware attachment kit for testing all major control valve brands with various actuator types (diaphragm/piston or linear/rotary)
- Cable extensions provide an additional 30 feet of reach
- Rugged lightweight design (< 20 lbs.)
- Ability to view and analyze signatures with Masoneilan's ProView desktop software
- Easily generate customer reports
- Customize your reports with MARC™ logo (Masoneilan Authorized Repair Centers)

Commercial Terms

- ValScope-Pro is offered exclusively for Masoneilan Authorized Repair Centers
- ValScope-Pro is approved by Baker Hughes

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