## Masoneilan

a Baker Hughes business

# Masoneilan<sup>™</sup> ValVue<sup>™</sup>3 Device diagnostics and configuration tool

Simplifying configuration, calibration and diagnostic tests in Baker Hughes Digital Devices

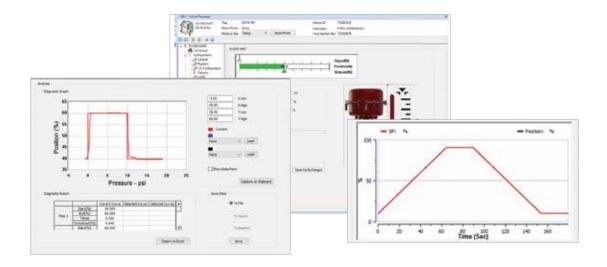
Baker Hughes ValVue tool is an easy to use graphical interface that simplifies the use of Masoneilan digital products. ValVue, when used with the appropriate device driver (DTM), automates the configuration, calibration, and performance testing of your digital devices.

## **Key Features**

- Common interface for all instruments
- Time stamped Audit Trail provides full documentation of all changes managed by the application
- Automatic device monitoring with NAMUR 107 compliant alerts
- Provide specific task authorization with user level access control
- Easy PDF Report generation

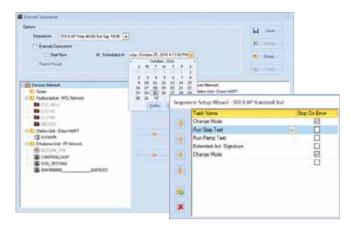
## Benefits

- Automates standard device commissioning steps with Sequencer to get more done, consistently and accurately
- Enables easy compliance validation for audit reports
- · Enhances security by requiring user authentication
- Shorter training cycles by using the same basic interface for all field devices



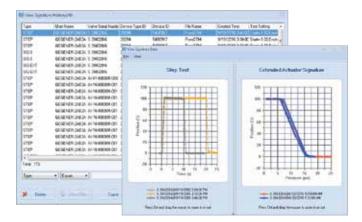
Download a free trial on: https://valves.bakerhughes.com/resource-center In the left column, under File Type select: "Software" In the Search box at the top, type: ValVue or valvue Select File: Masoneilan ValVue v3.50.1 Installer Software (DTMs and Packages also available)

## ValVue Makes Diagnostics and Calibration Easy



#### Automate commissioning:

Use Sequencer to schedule commissioning and diagnostics tasks without operator involvement.



#### Valve Diagnostic Management:

Automatically track and store all diagnostic tests and associated configuration changes for  $SVI^{m}$  Positioners.

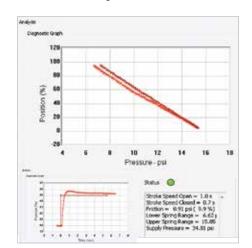
### **Device DTM's Unlock Diagnostic Capabilities**

The Baker Hughes SVI positioner combined with ValVue offers a feature rich diagnostic solution.

Valve		Positioner		
Premo (Ext / Sd Sg)		Tenperature		
Friction	0.21 pil	Min Temp	-60.00 degC	
Priction %	2.2	Max: Temp Current: Temp	100.00 degC 21.48 degC	
Continuous Dieg		Hyst+D8		
Valve Cudes	2555	Min (%)	-0.27	
20002202	5715	Nex (%)	0.34	
Valve Travel	600	Average (%)	0.06	
Open Time	2570 la	Line ally		
Occe Time	270 (e	190 (%)	40.59	
Near Close True	587 hr	Max (%)	0.1*	
		Average (%)	0.00	
lictuator		Strole speed Time		
Spring Range (But / std Sig)		Stroke Speed Open		
Low Spring	6.30 pst	Stroke Speed Glosed	0.79	
High Spring	15.00 pp	Alam Status		
Ners 2 stor		Bias Out of Pange	0	
Air Supply Low	0			
Actuation Error	100	Control		
ACORD COD		Postioner Error	0	

#### **Continuous Diagnostics:**

Quickly check system health, valve stroke life, and many other key valve performance indicators all while the process is running.



#### **Offline Diagnostics:**

Easily execute standardized tests such as Ramp, Step, and Valve Signatures providing insight into potential leaks and dynamic performance by quantifying friction, actuator spring settings, and valve seating profile.

Supported Operating Systems:		Hardware Requirements:	Network Compatility:		
<ul><li>Windows XP</li><li>Windows 7</li></ul>	<ul> <li>Windows 8 w/ SQL Server 2008</li> <li>Windows 10</li> </ul>	<ul> <li>Windows Server 2003 SP2</li> <li>Windows Server 2008, 2012</li> </ul>	<ul> <li>Intel Pentium or compatible processor</li> <li>50Gb of free hard drive space</li> <li>4Gb of memory</li> </ul>	<ul> <li>HART Mux (MTL, P&amp;F)</li> <li>HART, WirelessHART</li> <li>FOUNDATION Fieldbus H1, HSE</li> </ul>	<ul> <li>Emerson AMS OPC (HART &amp; FF)</li> <li>FDT 1.2 compliant</li> </ul>



valves.bakerhughes.com