



VICI valve control software

Integrate VICI valves with Agilent HPLC for automation

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VICI valve control software automates operation of VICI 2-position valves. It works directly with the VICI 2-position microelectric actuators through a RS232 port or a USB port with a USB/RS232 converter.

The software allows VICI valves to be integrated into an Agilent HPLC system using dynamic data exchange.

The valve control software is easy to set up.

The software automatically searches for the valve. There is no need for user to set RS232 port number and other communication parameters. The software will even build macros into Agilent chemstation for data exchange. No manual operations are involved. It is really a plug and play product.



VICI valve controller

Initialize Method Sequence

Start A B

Run status: Ready
Loaded method: test2.txt
Time elapsed:

Single run

Method	Description
default.txt	A short method for sample injection.
test1.txt	
test2.txt	

Sequence run

Sequence	Description
default.txt	
seq1.txt	

Valve is connected to RS232 port 3.

Time (min)	Position
0.00	A
0.30	B
0.50	A

Add line Edit line
Insert line Delete line

A = Load position
B = Inject position

LED icons for position status and for direct switch by a mouse click

Available methods and sequences are listed and can be loaded by a mouse click

Valve status and help tips are displayed in the notice panel

Methods and sequences can be saved and loaded for repeated use

Parameters for a method

Application type of valve is memorized as reminder

User interface of the valve control software

The valve control software is easy to use. The software monitors the status of the valve regularly. The status is displayed for easy observation. The position of valve is shown using LED icons A and B. The valve can be directly switched by clicking the two LED icons. For a more automatic control, methods or sequences can be used. The methods and sequences can be saved and loaded for repeated use. A run can be started by clicking at the start button. When used with an Agilent 1100 LC or 1200 LC, the run of valve can be synchronized with the HPLC using dynamic data exchange. There is no remote cable involved.

The control of the software is reliable. For every command it sends to the valve actuator, the valve control software will check the updated status of the valve to make sure the command is correctly executed. When any malfunctioning of the valve is detected, warning message and troubleshooting tips will be given in the notice panel.

Start and stop can be triggered by Agilent Chemstation or by clicking the button

Run status is updated timely for easy observation

Blue marks are used to show the progress of analysis and the running methods and sequence

Sequence table allows use of different methods for a batch of runs

User interface of the software during a sample run



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