

VC-6 and VC-6M

Valve Control Systems



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4- or 6-channel multi-valve perfusion systems for diverse applications



Valve Controller

- Manual and computer control
- Basic or Complete systems
- Pinch valves, standard
- Teflon valves, optional

Perfusion Valve Control

Warner perfusion valve control systems are uncomplicated and easy to operate. The VC-6 Valve Controller is configured to control up to 6 valves. Each valve is individually manipulated by a manual switch or an external digital (TTL) signal. An event marker pulse, generated each time a valve is switched on, is provided for tape or chart recordings.

VC-6 Standard Pinch Valve Systems

Standard systems are supplied with tube pinch valves. They are the simplest to maintain as the solution never comes in contact with the valve and tubings are easily replaced. Valves are dual acting (3-way) with both normally open and closed sides. A "Y" connector at the valve input permits solution flow-to-waste with the valve off.

VC-6 Teflon® Valve Systems

Teflon® valves are also available and are for applications where resistance to chemicals is needed. The valves are 2-way (either on or off).

VC-6M Mini-Valve Systems

The VC-6M is designed for slow flow perfusion systems using smaller diameter tubing. Up to six valves mount directly to a compact Teflon® manifold. The 3-way valves allow for solution flow to waste if desired. The VC-6M system is ideally suited for use with the SF-77B perfusion stepper systems.

System Choices: Basic or Complete

The VC-6 Valve Perfusion Control System is available in two configurations with a choice of either a standard pinch valve or Teflon® valve.

The Basic System includes the VC-6 Controller, valves, valve bracket with 8 ft cable and MP Series Manifold. Systems employing standard pinch valves are also supplied with C-Flex™ valve tubing.

The Complete VC-6 Systems includes all of the components in the Basic Systems plus six 60 cc reservoirs, reservoir holder, support stand, stopcocks and tubing connectors. In addition, the systems employing standard pinch valves are supplied with Tygon™ tubing. Systems employing Teflon® valves include Teflon® tubing.

The VC-6M Mini-Valve Perfusion Control System is also available in two configurations. The Basic System includes the VC-6 controller, valves, valve manifold, 8 ft cable and ML Series manifold. The Complete System includes all of the components in the Basic Systems plus eight 10 cc reservoirs, reservoir holder, support stand, stopcocks, tubing connectors and two packages of PE-50 tubing (10 ft long).