

Model 820 Compact Peristaltic Pump and Controller



Each Controller is supplied with a wall-mounted adapter and rod mounting clamp. Each Pump is supplied with a 3.1 m (10 ft) cable to connect to the controller.



- Up to 5 animals at once, with each pump at separate rate
- Each pump can perform either single or dual channel infusions

Specifications

Flow Rate:	
Minimum	0.2 ml/hr using 0.015 inch tube
Maximum	180 ml/hr using 0.093 inch tube
Repeatability	±3%
Flow Control Range	20:1
Power Source	Wall-mounted 12 VDC adapter
Backup Battery	9 V lithium
Backup Battery Lifetime	30 hrs

This system consists of a pump controller and up to five peristaltic pumps. Each controller can control up to five pumps making this system ideal for multiple animal infusion studies. Researchers value this system because of its ease of operation and low cost. Use this system when you don't need the accuracy and repeatability of a syringe pump. For multiple animal infusion with a syringe pump.

Flow Rates

The Model 820 Peristaltic Pump System features the same precision-machined pump head and Swiss-made motor and gear head assembly as the Model 720 Compact Peristaltic Pumps, resulting in accurate, repeatable and linear flow rate control from 0.2 to 180 ml/hr.

Centralized Controls

The LCD display and selector switch on the Pump's Controller let you monitor, control, and calibrate each pump independently. Once a flow rate has been determined, set screws on the controller can be adjusted to calibrate the display.

Keep-Open-Rate Switch

Set this switch to 'keep open' to drop the flow rates of all pumps simultaneously to a lower, adjustable value (avoiding the inconvenience of adjusting each pump independently). When the infusion study begins set the switch back to normal operation to return each pump to its pre-calibrated rate.

Catalog No.	Product
CGS 8323.63	Model 820 Controller with Wall-Mounted, 120 VAC/12 VDC Adapter
CGS 8324.63	Model 820 Controller with Wall-Mounted, 220 VAC/12 VDC Adapter
CGS 8325.63	Model 820 Compact Peristaltic Pump Slave, requires Model 820 Controller
CGS8326.63	Replacement 3.1 m (10 ft) Cable, to connect Pump to Controller
CGS 8327.63	Replacement Power Adapter for Pump Controller, 120 VAC
CGS 8328.63	Replacement Power Adapter for Pump Controller, 220 VAC
CGS 8329.63	Kapton Strip Replacement Kit, 20 strips
CGS 8330.63	Swivel and Pump Mount for Cage
CGS 8331.63	Rod Mounting Clamp