

## Ambulatory Peristaltic Pumps

### Microprocessor Controlled Low Volume Ambulatory Peristaltic Pump

This microprocessor controlled pump is an advanced version of the standard low volume rechargeable ambulatory peristaltic pump described below. It is a rotary peristaltic pump that uses a two battery pack system. It has a 60 ml internal reservoir bag. This microprocessor controlled rechargeable ambulatory peristaltic pump displays the infusion rate on an LCD screen and has both audible and visual alarms which indicate the following: low battery, flow too low, flow too high, runaway flow, electrical malfunction and automatic shut down.



### High Volume Ambulatory Peristaltic Pump

These pumps use the two battery pack system but use an external liquid reservoir, either an IV bag or bottle which are not supplied. The battery packs last for 24 hours; recharge time is 16 hours. These high volume pumps are supplied with two battery packs, a plug-in rate adjustment flow meter, a power pack battery charger for either 115 or 230 volt usage and a pumping segment. The pumping segment is a 51 mm length of precision tubing that fits into the pump and produces the pumping action when acted upon by the pump rollers. These pumps measure, H x W x D, 127 x 83 x 38 mm (5 x 3-1/4 x 1-1/2 in) and weigh 485 g (17 oz).



Catalog No.	Product
CGS 8978.63	Bomba Peristaltica Ambulatorial Controlada do Volume Baixo do Microprocessador, 115 VAC, 60 Hz
CGS 8979.63	Bomba Peristaltica Ambulatorial Controlada do Volume Baixo do Microprocessador, 230 VAC, 50 Hz

High Volume Ambulatory Peristaltic Pump		
Flow Rate, ml/24 hrs	Power	
	115 VAC, 60 Hz	230 VAC, 50 Hz
600 to 3000	AH 52-1154	AH 52-1155
1000 to 5000	AH 52-1156	AH 52-1157

### Standard Low Volume Ambulatory Peristaltic Pump

Harvard Apparatus offers three standard low volume, rechargeable ambulatory peristaltic pumps, with self-contained reservoir bag and NiCad battery pack (2.4 volt, 2.8 amp hrs) in a durable aluminum case. They provide flow rates ranging from 4 to 100 ml per 24 hours depending on the pump model selected.

These low volume rechargeable pumps will continuously deliver drugs for up to 7 days on one battery charge. Recharge time is 16 hours. The maximum output pressure is 750 mm Hg. These pumps measure, H x W x D, 127 x 83 x 38 mm (5 x 3-1/4 x 1-1/2 in) and weigh 530 g (19 oz).

Supplied with two rechargeable battery packs, a plug-in flow meter to verify and set rates, a battery charger for either 115 or 230 volt operation, a drug reservoir bag and a 117 cm (46 in) Tubing Set.

Standard Low Volume Ambulatory Peristaltic Pumps			
Flow Rate, ml/24 hrs	Reservoir Bag	Power	
		115 VAC, 60 Hz	230 VAC, 50 Hz
4 to 20	75 ml	CGS-8980.63	CGS-8983.63
10 to 50	75 ml	CGS-8981.63	CGS-8984.63
20 to 100	150 ml	CGS-8982.63	CGS-8985.63

### Accessories

Catalog No.	Product
<b>Microprocessor Controlled Low-Volume Ambulatory Pump</b>	
CGS 8298.63	Tubing Set Only 117 cm (46 in), Sterile, pkg. of 10
CGS 8296.63	Replacement 60 ml Reservoir and Tubing Set, Sterile, pkg. of 10
CGS 8297.63	Spare Rechargeable Power Pack for Microprocessor Controlled Low Volume Ambulatory Peristaltic Pumps
<b>Standard Low-Volume Ambulatory Pump</b>	
CGS 8298.63	Tubing Set Only 117 cm (46 in), Sterile, pkg. of 10
CGS 8299.63	Replacement 75 ml Reservoir Bag and Tubing Set, Sterile, pkg. of 10
CGS 8300.63	Replacement 150 ml Reservoir Bag and Tubing Set, Sterile, pkg. of 10
CGS 8301.63	Spare Rechargeable Power Pack for all Standard Low Volume Ambulatory Peristaltic Pumps
<b>High-Volume Ambulatory Pump</b>	
CGS 8302.63	Tubing Set Only 117 cm (46 in), Sterile, pkg. of 10
CGS 8303.63	Pumping Segment with Luer Lock Ends, 183 cm (72 in)
CGS 8304.63	Spare Rechargeable Power Pack
CGS 8305.63	Spare Rechargeable Power Pack