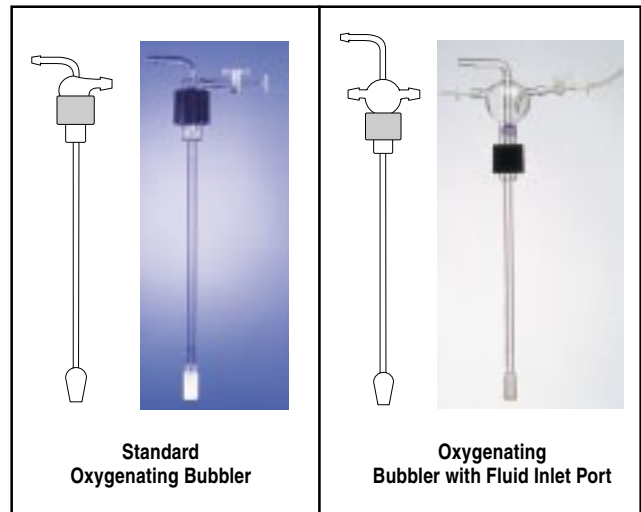
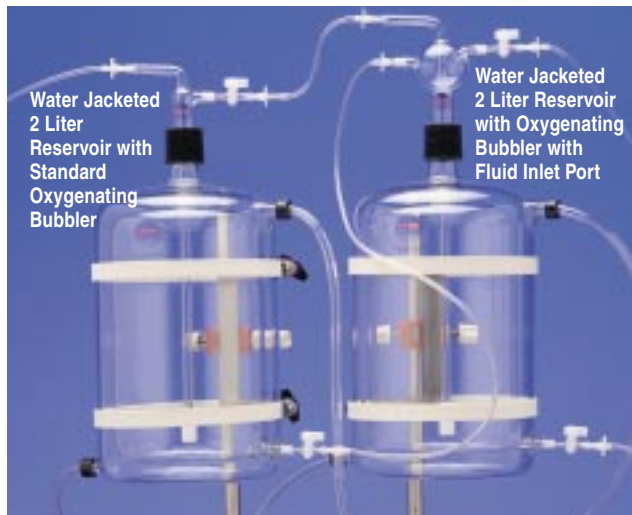
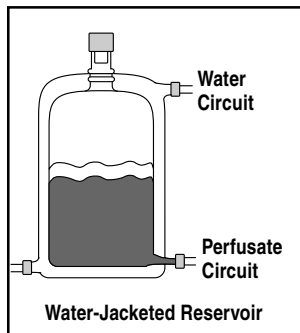


Reservoirs and Oxygenating Bubblers



Radnoti Water Jacketed Reservoirs



- Available in four capacities: 0.5, 1, 2, and 5 liters
- For use with oxygenating bubblers, see to the right

These heavy duty borosilicate glass reservoirs feature a female Luer side drain, sintered glass dispersion tube, quick disconnect fittings and a 28 mm (1.1 in) threaded

top closure. Two reservoirs can be connected in series for experiments on hypoxia or for the addition of modified media or drugs if the experimental protocol precludes the use of the injection ports available in the heart perfusion systems. In addition to their use for isolated heart preparations, these reservoirs are ideal as a source of aerated solutions for organ vessels or for gassed solutions used in certain HPLC procedures. Single and double ring clamps are designed specifically to hold these reservoirs are available as accessories.

Water Jacketed Reservoir			
Catalog No.	Size	Water Jacket, OD x Height	Overall Height With Standard Oxygenating Bubbler
CGS 8995.73	0.5 L	10 x 16 cm (3.9 x 6.3 in)	25 cm (9.8 in)
CGS 8996.73	1 L	11.5 x 19 cm (4.5 x 7.5 in)	28 cm (11 in)
CGS 8997.73	2 L	15 x 24 cm (5.9 x 9.4 in)	34 cm (13.4 in)
CGS 8998.73	5 L	17.8 x 36 cm (7 x 14.2 in)	46 cm (18.1 in)

Radnoti Oxygenating Bubblers

These borosilicate glass oxygenating bubblers connect to the laboratory oxygen supply, permitting the perfusion media to be gassed effectively, thereby maintaining peak cardiac function. The fine porosity, sintered glass dispersion tubes with gas vents are mounted in a Viton O-ring inserted into a 28 mm (1.1 in) polypropylene drilled cap.

- Specifically made for the reservoirs described to the left

The oxygenating bubbler with fluid inlet port is identical to the standard oxygenating bubbler with the addition of a fluid intake port. The fluid intake port allows the user to connect two or more reservoirs in series to fill the reservoir by a pump or to maintain a constant level for hydrostatic pressure, see above. Typically, one reservoir is kept slightly higher than the other so that by siphon action, the higher reservoir will feed the lower reservoir and thereby maintain a constant level.

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Oxygenating Bubbler	With Standard Port	With Fluid Inlet
0.5 Liter Reservoir	CGS8003.73	CGS8007.73
1 Liter Reservoir	CGS8004.73	CGS8008.73
2 Liter Reservoir	CGS8005.73	CGS8009.73
5 Liter Reservoir	CGS8006.73	CGS8010.73

Catalog No.	Product
CGS 8999.73	Single Ring Clamp for Holding 0.5 Liter Reservoir
CGS 8000.73	Double Ring Clamp for Holding 1 Liter Reservoir
CGS 8001.73	Double Ring Clamp for Holding 2 Liter Reservoir
CGS 8002.73	Double Ring Clamp for Holding 5 Liter Reservoir