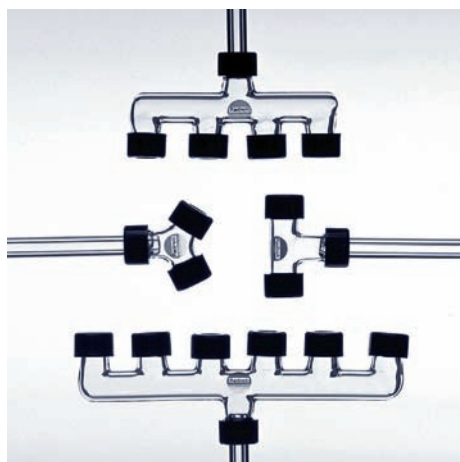


A major problem in maintaining perfusate temperature is the heat loss that occurs during transfer of the fluid through tubing on its way to the heart. This heat loss can cause changes in temperature of several degrees centigrade compounded due to the effects of changes in perfusate flow caused by coronary regulation. To correct this problem, the transfer tubing is jacketed using our Flex Tube Assembly, which provides a tube within a tube configuration.

The outer tubing connector is a glass adapter with a Q.D. side port for water entry/exit and threaded neck. The connection for the central transfer tubing is constructed of 6mm O.D. glass tubing inserted through a polypropylene cap and O-ring that screws onto the outer tube adapter. One end of the inner glass tubing is a female luer fitting and the other end tapers to 3mm O.D. over which the Tygon tubing is fitted. The outer Tygon tubing is 3/8 ID by 1/2 O.D.

Besides its use in the isolated heart perfusion system, this assembly has uses in many applications that require stringent temperature control.

Radnoti Quick Disconnect Adapters simplify the task of connecting multiple water jacketed products to a single source or to a circulating pump.



Catalog #	Description	Pkg.
120161	5-port QD Manifold	1
120162	Adapter QD "Y"	1
120163	Adapter "T" QD	1
120164	5-port 4 Luer + Q.D.	1
120165	5-Port Luer Manifold with Teflon needle valve	1
120166	5-Port Luer Manifold with Teflon needle valve	1
120167	Lure "T" connector	1

### Radnoti Quick Disconnect Replacement Parts

Catalog #	Description	Pkg.
120156	Outer Tygon Tubing 1/2 x 3/8	50ft
120157	Inner Tygon Tubing 5/32 x 3/32 (Perfusate)	50ft
120159	Tygon Tubing (Q.D.) 3/16 x 5/16	25
120160	Q.D. Plastic Sleeve Inserts	12
160196	Repl. Drilled Caps, for 5-50ML Baths	12
160196-2	Repl. Drilled Caps, for 2ML Baths (Oxytube Only)	12
160197	Repl. Blind Caps, for 5-50ML Baths	12
160197-2	Repl. Blind Caps, for 2ML Baths (Oxy Tube Only)	12



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