

Luer-Lock Manifold, PM



1. The luer-lock manifold can be used with tips, nozzles or catheters that have standard luer connectors for sample infusion or perfusion. The nozzles can be used to fit inside microbore tubing or chambers.
2. The manifold incorporates 2 ft. long connecting tubing with luer connectors for connection to either pressure switch PS-V8P, flow CFPS or gravity driven perfusion system PS.
3. Although adequate solution flow through the manifold will occur even with a regular gravity driven perfusion system, much faster flow rate can be achieved if solutions are pressurized: using small volume delivery SVDS1/2, or flow control systems CFPS.
4. Connecting tubing should be attached to a perfusion system using short sleeves made out of soft tubing or fitting from PS-KIT. Teflon tubing should be connected to outlet of valves; the other inlet of the valves should be connected to a source of solution: syringes with solutions held in syringe holder SH-1A for example.
5. If small volume delivery system SVDS1/2 used with a single source of pressure, the manifold should be connected to the valves of PS system first, to brake the lines and to prevent back flow; the other inlet of the valves should be connected to pressurized small volume delivery systems SVDS1/2.
6. If used with less different solutions that channels available, some channels can be filled with the same solution, for faster washout of samples for example.
7. Always wash the manifold with DISTILLED water after use.