



Liquid Switch and Artificial CSF Perfusion Fluid



These Liquid Switches are four position valves that allow the user to select the output of one syringe of the four mounted on a Microdialysis Syringe Pump, see pages M19 to M21, and direct it to the Probe. Two types of Liquid Switches are available: manually-operated and electronically-operated. The valves are made of #316 stainless steel with port outlets of 0.5 mm (0.020 in) intended for 1.6 mm (1/16 in) OD stainless tubing.

Manual Liquid Switch

Supplied complete with tubing connection kit to make connections to silica or stainless tubing or to close off unused ports.

Catalog No.	Product
AH 59-7357	Manual Liquid Switch

Automatic Liquid Switch

The automatic liquid switch consists of the manual liquid switch with a motor actuator and electronics added. It features an LED display of valve position, a toggle switch for advancing position and a computer interface for actuation from the serial port. Supplied complete with instructions and tubing connection kit.

Catalog No.	Product
AH 59-7358	Automatic Liquid Switch, 115 VAC, 60 Hz
AH 59-7359	Automatic Liquid Switch, 230 VAC, 50 Hz
AH 59-7355	Replacement Reducing Adapters Convert the 1/16 inch ports of the Liquid Switches to 23 gauge for use with 23 Gauge Needle; pkg. of 6
AH 59-7356	Replacement Tubing Connection Kit



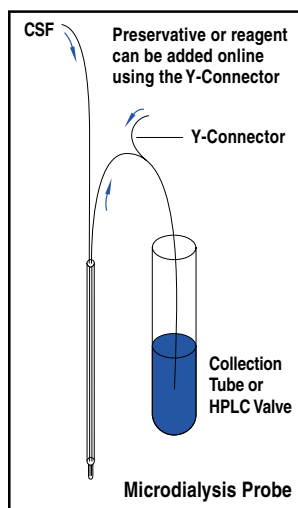
Artificial CSF Perfusion Fluid

Artificial cerebrospinal fluid (aCSF) is commonly used when sampling from brain interstitial fluid. This solution closely matches the electrolyte concentrations of aCSF. It is prepared from high purity water and analytical grade reagents. It is microfiltered and sterile. Final Ion Concentrations (in mM): Na 150; K 3.0; Ca 1.4; Mg 0.8; P 1.0; Cl 155. Supplied as a package of six 25 ml vials.

Catalog No.	Product
AH 59-7316	Artificial CSF Perfusion Fluid

Application Note: Perfusion Fluid

The perfusion fluid should be identical in composition to the interstitial fluid being sampled except that it is devoid of the substances of interest (or has excess concentration of the substance to be delivered). Perfusion fluids vary widely in terms of their composition and pH. Generally, they are prepared as iso-osmotic as possible.



Y-Connector

These Y-connectors are used to add a reagent on-line to the dialysate in automatic or semi-automatic setups. Each end of the Y-connector mates with a connecting tube/connecting tube adapter. Supplied as a package of 5.

Catalog No.	Product
AH 59-7022	Y-Connector