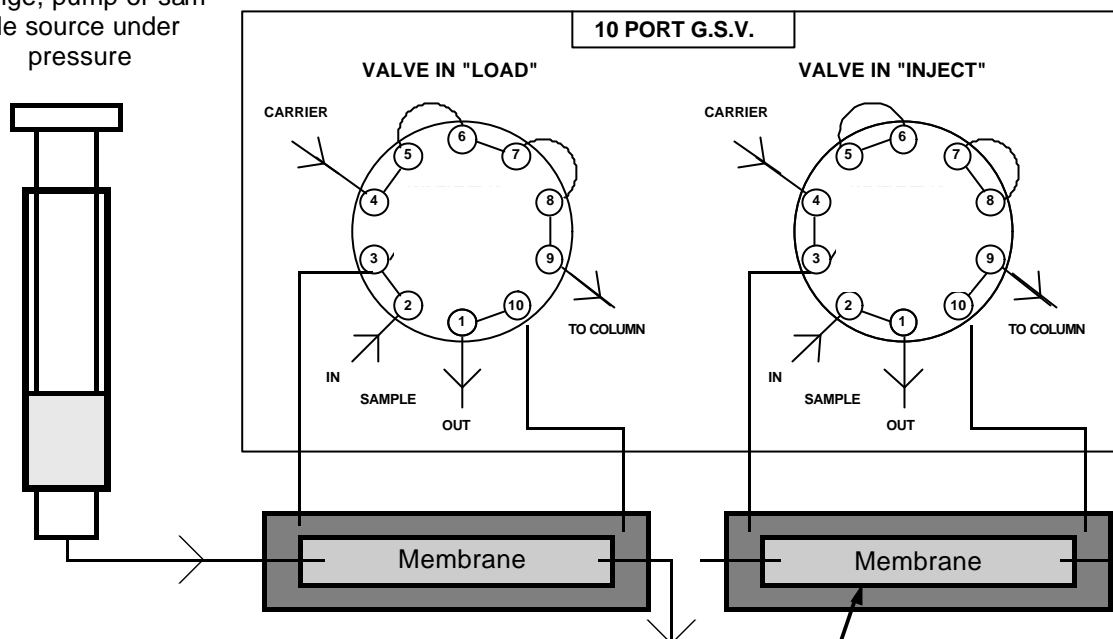


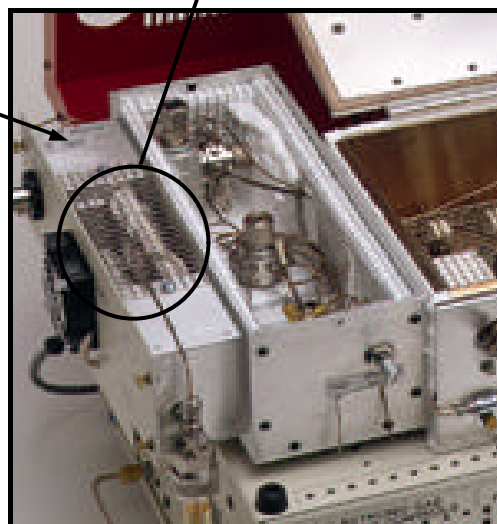
Membrane Sampler

Syringe, pump or sample source under pressure



The Membrane Sampler is incorporated into the valve oven on the SRI 8610C GC.

The Membrane Sampler consists of a 10 port Gas Sampling valve and heated valve oven with a special loop. The loop is fitted with a special membrane which is permeable to H₂, O₂, N₂, Methane, CO, CO₂, Ethane, Ethylene, Acetylene and Propane. The membrane is not permeable to water, oil, and matrix gases other than the permeable light gases listed. The matrix is allowed to flow through the membrane for a precisely controlled time (PeakSimple closes a solenoid valve) during which time the light gases permeate out into the loop. The loop contents are then injected when the 10 port valve rotates to the inject position. The Membrane sampler includes a purge gas controlled by PeakSimple so the loop can be flushed with carrier gas under data system control, and a solenoid to automatically control the flow of matrix through the membrane. The matrix can be a liquid like seawater or transformer oil, or a gas such as chlorine gas. In the case of a liquid, a pump controlled by the optional vacuum pump interface may be required to push the matrix through the membrane. In the case of a gas, 5-10 psi of pressure is sufficient. Possible applications include methane in seawater, gases in transformer oil, fixed gases in chlorine gas, etc.



8690-0085 **Membrane Sampler includes: 10 port valve, heated valve oven, purge gas control, shut-off solenoid and membrane equipped sample loop.** **\$9,990.00**

Prices are **Australian Dollars** @ XR 1xAud = 0.5xUSD (May 01) see on-line database for current prices *

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