

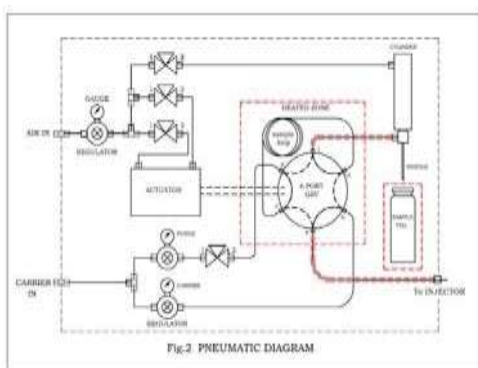
Head Space Sampler - Model HSS-1

This equipment is an accessory to be attached to and operated via gas chromatograph instrument of any make.



The equipment contains a heated sample vial holder and transfer line, automatically operated plunger needle, a pneumatic system and electrical control connections to GC.

The equipment is connected to GC by means of carrier gas cum transfer line just ahead of column, and by Purge-In-Port, as shown in the pneumatic diagram, figure 2.



The carrier connections may be made either before or after the manual injector port of the GC as indicated. The purge connections should be made from a T-fitting in the carrier gas line of the GC, with DFC, for higher flow rate and separate control of pressure, independent of column flow and back pressure. The electrical connections to the back panel of the GC are made through two fanning strips. The connections include

Technical specifications

Model Name	: Head Space Sampler HSS-1
Type	: Static
Vial Size	: 20 ml
No. of vials	: 1
Sample Loop	: 1 ml
Vial temperature range	: Ambient to 250°C, settable
Programme	: Single vial, manual
Valving	: Air actuated 6 port valve
Valve /Loop temperature	: Ambient to 250°C Sample
path	: 1/16" silynated s.s.
Transfer Line Temperature	: Ambient to 250°C
Electronic control	: Parameters entry via GC front Panel
Physical dimensions	: 22.5 cm W x 52.0 cm H x 35cm D
Display	: Uses the display of Gas Chromatograph
Key Board	: Uses the key board of Gas Chromatograph
Weight	: 15 Kg Approx.
Power requirements	: 230 V AC, 50 Hz supply.