VAPOUR PRESSURE TEST SETUP

Product Code : 12016-00

Standard Followed : Dir 92/69/EEC (O.J. L383 A)

Application :

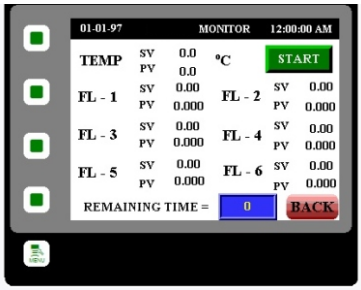
To determine the vapour pressure of solid or liquid chemicals by Gas Saturation Method like Dimethoale, Alpha Cyhalothrin, Tebuconazole, Imidacloprid etc.

Measurement Range : 10^{-3} to 1^{-10}
Temperature Range : 0^0C to 60^0C $\pm$ 0.5^0C
Max. No. Of Samples : 3/chamber

Automatic Flow control System

Construction :

Thermal stability chamber inner of SS and outer of powder coated CR sheet. Mounted on Heavy duty self levelling cast aluminium wheels. Temperature control and indication by PID controller with SS air heater. Hermatically sealed CFC free refrigerant compressor, with anti-vibration mounts forced air circulation for uniformity and an in-built voltage stabiliser.



The chamber is provided with stand for fixing of vapour pressure test assemblies and also adjustable shelves for using the chamber as a regular thermal stability chamber, making it a truely versatile sytems and ensuring value for your money and faster ROI.

The flow rate and inlet pressure are set, controlled and viewed on a separate flow and pressure control panel. The panel also consists of an inbuilt constant pressure tank which automatically refills itself to avoid repeated adjustment of the flow from the Nitrogen cylinder.

Thermal Stability Chamber

Models :

A. Single System for 3 tests at single temperature

B. 4 in 1 System for 3 x 4 tests at different temperatures.(All systems including the flow panel will be in-built)

C. Systems with various other combinations can also be provided as per your requirement.

Optionals:

a. Paperless Recorder to record the inlet Pressure, test temperature and flow rates. USB based

b. Calibrated bubble flow meter for flow calibration.

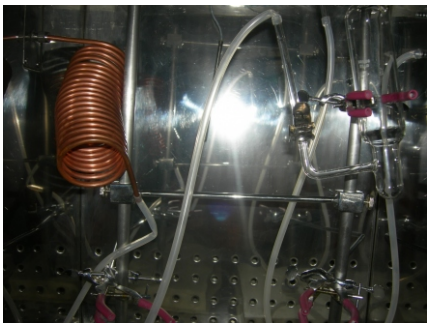
c. Touchscreen based Automatic system with flow, inlet pressure, temperature and alarm recordings with date and time/stamp. The system can be connected to a LAN and operated/monitored from any where in the world. The system is also capable of alerting when the pressure in the nitrogen cylinder drops below required limit, enabling consistence of flow control and un-hindered testing with minimum manual intervention.

d. Glass test assemblies with suitable length of copper tubing for temperature stability of incoming gas.

e. Multi-stage precise pressure regulator for cylinder Pressure control.

f. Spares available on request.

Manual Flow control Module



Culture instruments

D-428, 10th MAIN, PEENYA II STAGE,
PEENYA INDUSTRIAL ESTATE,
BANGALORE-560 058. INDIA.
Ph : 091-080-23349239/23449007
E@mail: cultureinstruments@gmail.com;
Website: www.technoinstruments.co.in