

miVac modular concentrators are excellent laboratory work horses! To enhance their performance further a pressure display and controller has been developed.



The miVac pressure controller can be added to any modular miVac system and allows the user full control over the running pressure in the system. A vacuum ramping mode is included so that concentration can be commenced gently and is used to help prevent bumping or spitting. For users who are uncertain of the appropriate pressures to choose an automatic mode can be used which controls the vacuum profile.

Correct use of pressure control with the miVac SpeedTrap™ will make concentration faster and will enable more solvents to be caught in the SpeedTrap™ reducing volatile solvent emissions. The pressure control enables the user to set the optimum boiling (and therefore condensation) temperature for the solvent which is being concentrated so that the cold trap can condense it easily. It is not always true to say that a cold trap with a very low temperature, say -104°C is better than a cold trap of -50°C – please ask for a copy of our paper comparing cold trap performance, or contact your local agent for a full explanation.

Specification

Large, clear display of current pressure

4 modes of operation:

1. Full vacuum
2. Control at one set pressure
3. Programmable vacuum ramp followed by control at one set pressure
4. Automatic – sensing the optimum pressure

Voltage: 90V - 250V
Frequency: 50Hz - 60Hz
Display Range: 0 to 1100 mbar
Control: 1mbar increments
Connections: 3/8" ID hose barb

