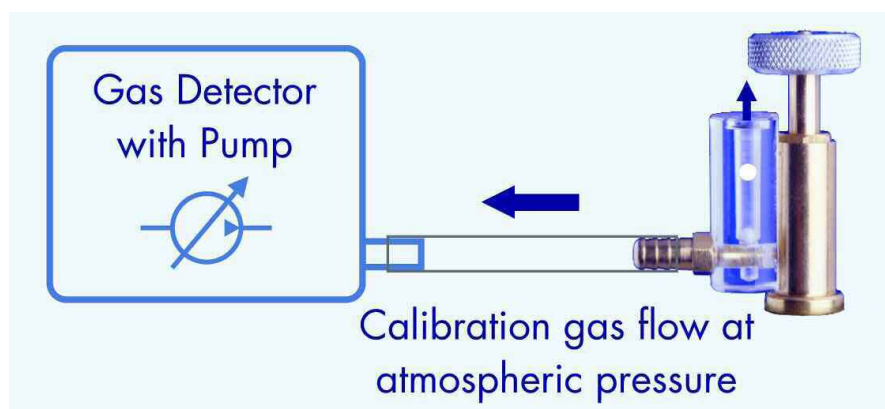


## Balflow 1 & Balflow 2



The Balflow is a unique product which allows use of Mtech non-refillable calibration gas cylinders with gas monitors or analysers fitted with inboard pumps. When using a normal valve or regulator with pumped monitors, it is essential to match the flow of the regulator with the demand of the pump. This is very difficult to achieve - errors in calibration are therefore likely. By using the Mtech Balflow, calibration gas flow and pump demand are matched exactly. This is achieved by simply connecting the monitor gas inlet to the Balflow. With the pump switched on and the Balflow connected to the gas cylinder, it is now possible, by adjusting the control knob, to get the steel ball in the Balflow just "airborne". A small excess of gas will vent to atmosphere, with the major part of the gas flow going to satisfy the pump's requirement.

This simulates, during calibration, the way in which the pump was designed to draw in sample gas.



Balflow is available for all Mtech non-refillable gas cylinders.

### **Part Numbers:**

Balflow1 - For use on 20 Litre cylinders

Balflow2 - For use on 34, 58 & 110 Litre cylinders