

Novatech Controls

Model 1637 Trace Oxygen Analyser Accessories

Using the VFA-21 Rotameter

The VFA-21 rotameter is used to set the gas sample flow rate into a 1637 analyser. If the gas sample to be measured is from a positive source then the rotameter is used to limit the gas flow rate to between 0.1 to 0.2 litres per minute. It is important to allow the analyser to zero itself in ambient air at the same flow rate as that of the measured sample. Varying the flow rate causes the oxygen sensor's offset voltage to change and cause an erroneous reading.



The rotameter is also a useful tool for trouble shooting an analyser. Checking the gas flow rate is a primary test for any analyser that that has response time problems.