

Gas Control Panel Case Study

Application Details

The customer is a leader in their industry of designing and building gas analysers. This specific application required 2 instrumentation panels in order to connect up multiple gas supplies and distribute them throughout the room.

Customer Requirements

2 custom wall-mounted instrumentation panels that would be able to feed in multiple gas lines, regulate the pressure within the line and shut off if necessary.



Why Boiswood Was Successful

We offered an all-in-one solution – to procure, supply, assemble and test these panels all in-house at our headquarters. Utilising multiple suppliers and the testing facilities at Boiswood we were able to provide the best engineered solution at a great price.



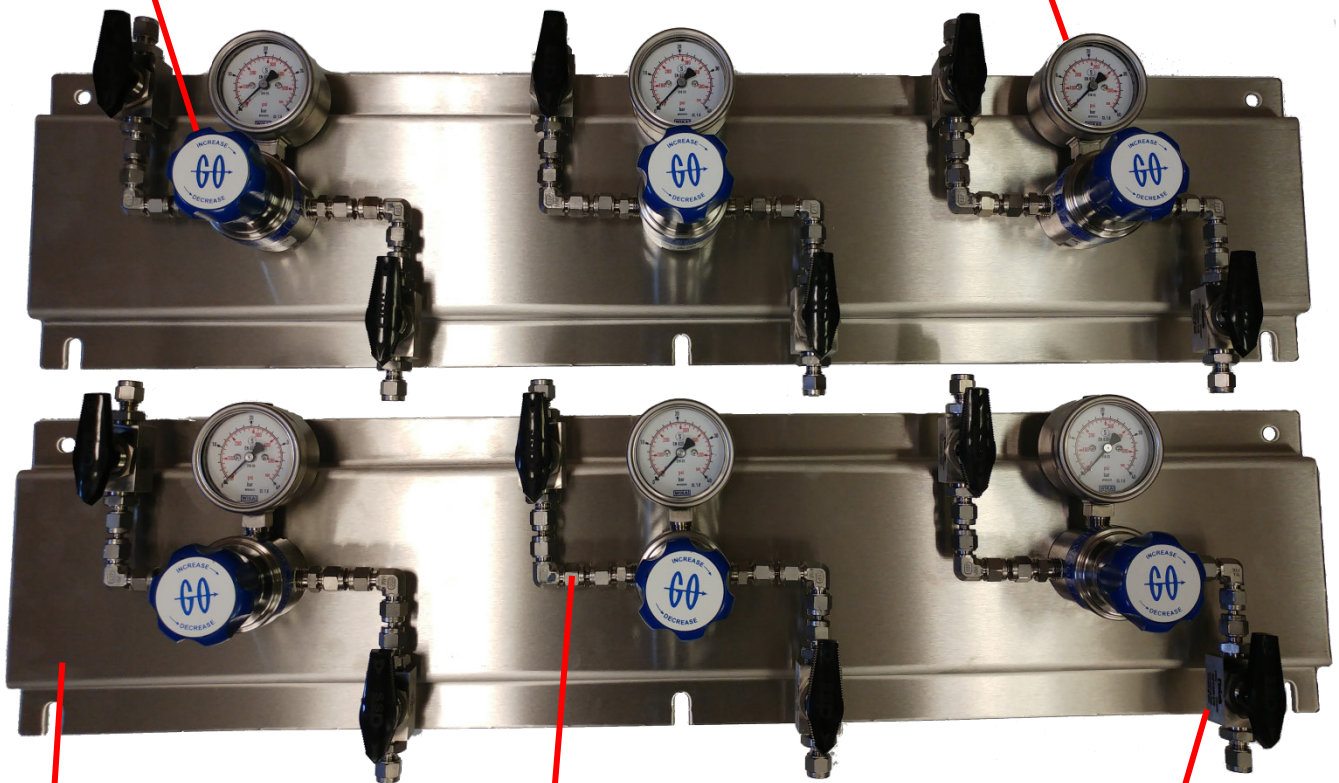
PR1 Pressure Reducing Regulator

To reduce the pressure and control the flow of gas coming from the external bottle supply



232.30 Full Safety Pattern Gauge

To monitor the pressure passing through the regulator



Fittings

To connect up to the external tubing supply

Custom Mounting Panel

Designed based on the requirements and machined with customers final approval



FB Series Ball Valve

To shut off gas supply to allow changing of bottles or in the event of an emergency