

**Executed: Gas distribution system for Hydrogen at high pressure (450bar)**



IPP built and installed a Hydrogen distribution system, tested at 650 bar. Most of the components came from the IPP portfolio: Safety relief valves from Parker Autoclave, Zentgraf ball valves, Sandvik tubing double Block & Bleed valves from Astava, pressure regulators from Tescom.



**New Product: ATEX Moisture Analyzer**



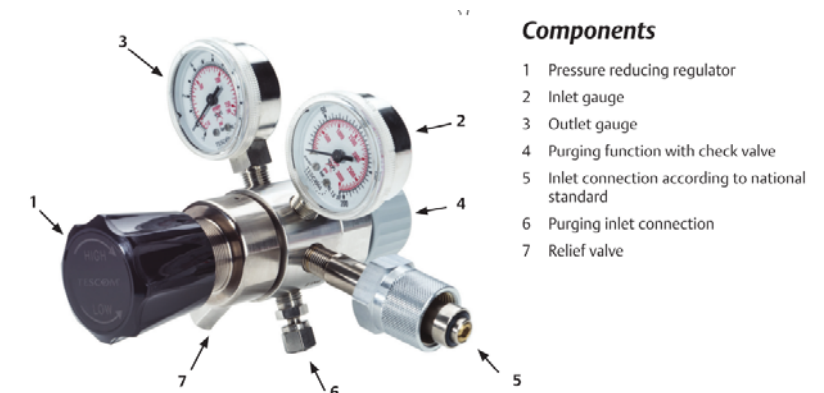
Recently IPP engineered and built sample panels for (very) low moisture measurement application in a process gas mixture in ATEX/IECEx environment. IPP tested and successfully implemented the Phymetrix ExMa nanoporous Al<sub>2</sub>O<sub>3</sub> analyzer.



- Nano sensor technology
- NIST traceable calibration
- Fast, Accurate, Repeatable
- State of the art electronics
- Optional built in Pressure compensation

**New: cylinder pressure regulator with integrated purge valve**

Using Pressure Regulators directly coupled to gas cylinders with corrosive or precise calibration mixtures creates risks for cross contamination with air (Oxygen, humidity,...) .Tescom offers a cylinder regulator with **integrated purge function** :



**Components**

- 1 Pressure reducing regulator
- 2 Inlet gauge
- 3 Outlet gauge
- 4 Purging function with check valve
- 5 Inlet connection according to national standard
- 6 Purging inlet connection
- 7 Relief valve