



HYDROTECHNIK UK
TEST ENGINEERING LTD

Hydrogen Approved Flow Meters, Pressure, Temperature
& Level Sensors & Component Testing Services



sales@hydrotechnik.co.uk

hydrotechnik.co.uk

+44 (0)115 900 3550

Hydrogen Pressure Sensors & Gauges

- Up to 1400 bar
- Outputs, 4-20mA, 0-10V, CAN, 0.5-4.5V rat.
- Approval options: ATEX, EC79 & DNV
- SS316L wetted parts option
- ATEX & IECEX (Exia & Exd) options
- DNV/BV & SIL 2/3 options



Hydrogen Flow Meters

- Flow rates from: 0.008 up to 541g/s
- Up to 1,000 Bar working pressure
- 10:1 turndown ratio
- Low-pressure drop
- Flow, static pressure and temperature readings
- R139 approval pending
- No moving parts

Level Sensors

- Hydrostatic, guided radar & float technologies
- Any tank size/depth
- Up to 40 bar pressure
- Compatible materials for use in electrolyzers
- SS316L wetted parts option
- ATEX option
- SIL 1 option



Combined Pressure & Temperature Sensor

- Up to 1000 bar pressure
- -40...125°C temperature range
- ½" NPT thread
- SS316L wetted parts
- Optional ATEX approval
- EC79 approval
- Wide choice of electrical connectors and outputs

Differential Pressure Sensors

- Differential measurement from -7 mbar up to 70 bar
- Static pressures up to 1000 bar
- Measuring accuracies up to $\pm 0.04\%$
- ATEX & IECEX (Exia & Exd) certified
- DNV/BV approved
- SIL2 safety level
- NACE approval



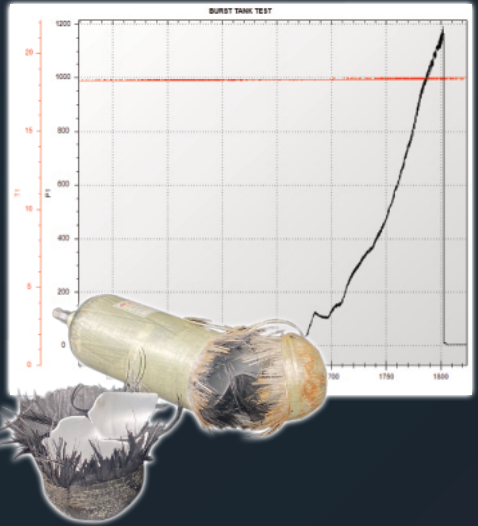
Temperature Sensors

- Any range from -50...400°C
- Up to 1000 bar max pressure
- Outputs, 4-20mA, 0-10V, PT100
- SS316L wetted parts
- Optional ATEX approval
- External probe for accurate temperature measurement in fluid stream



Cyclic & burst test services

Hydrotechnik UK Test Engineering offers burst, hydrostatic and cyclic endurance test equipment or services to test components, tanks or vessels in accordance with UN ECE Regulation R134. Our in-house test rigs can achieve pressures up to 3,000 Bar and cycle peak-to-peak pressures until failure or pass. Strain gauging, pressure, temperature and video logging is also available for full traceability.



Test & Measurement Equipment Suppliers

Hydrotechnik UK offers a reliable, accurate and efficient calibration & repair service. All of our services are competitively priced with a rapid turnaround guarantee.

Hydrotechnik utilises high quality calibration equipment certified by national accreditation bodies.

Our trained technicians carry out calibrations according to strict internal procedures in a clean test environment.

All equipment is in-house allowing for a rapid turnaround of calibrations, ensuring minimal downtime.

Test and Measurement Equipment Suppliers

Hydrotechnik UK Ltd is one of the UK's leading test and measurement equipment distributors and manufacturers, servicing industries from construction equipment to Formula One since 1990.

We provide analogue and digital test equipment for pressure, temperature, flow, oil condition, force, vibration, displacement and much more for system monitoring, production control and machine development.

