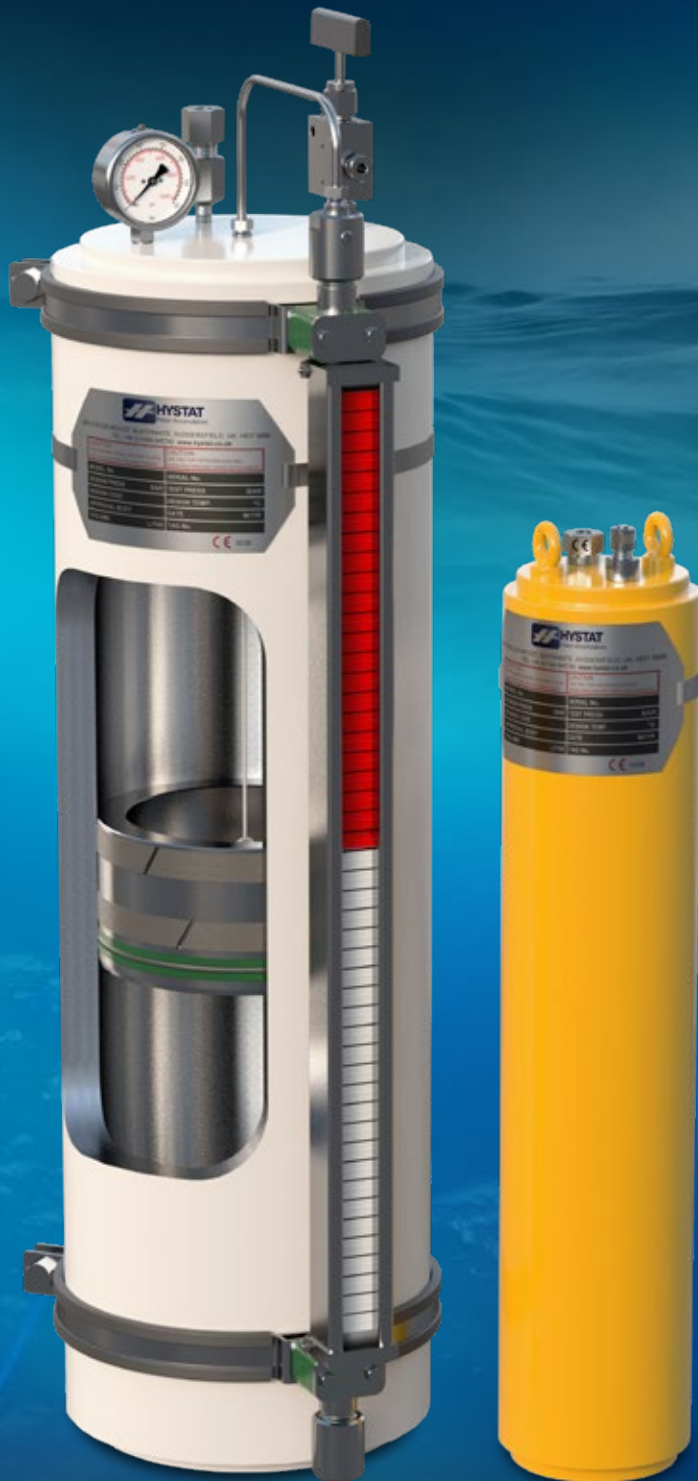




HYSTAT
Piston Accumulators

Hydraulic Manufacturing Excellence since 1976



Piston Accumulators
& Gas Bottles

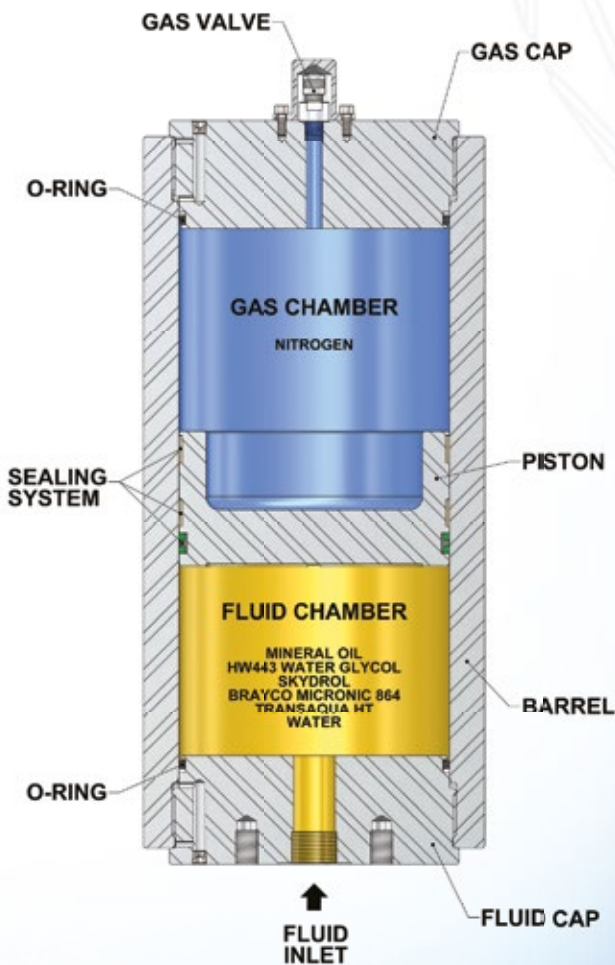


HYSTAT
Piston Accumulators

One of the UK's leading manufacturers of Piston Accumulators with an excellent reputation for unsurpassed product quality, reliability and customer support.

Our dedicated team of design engineers have developed sophisticated calculation programs over the years, along with our proven designs in 2D AutoCad. Today we utilise the latest 3D SolidWorks and Finite Element Analysis software to provide cost effective designs. Hystat Piston Accumulators are manufactured to each customers specifications for volume, pressure, material, porting and certification.

Designed in accordance with EN14359, PD5500, ASME VIII Division I or AS1210 and with other codes available. We offer products with approvals such as PED 2014/68/EU (Lloyds), ASME U code marking, ABS, DNV, BV etc. Optional 3rd party witnessing is also available.



OPTIONAL MATERIALS

Carbon Steel, Alloy Steel, 17-4PH Stainless Steel, 316 Stainless Steel, Duplex, Super Duplex, Inconel, Hastelloy, Aluminium.

OPERATING FLUIDS

Mineral Oil, HW443 Water Glycol, Skydrol, Brayco Micronic 864, Transaqua HT, Water.

DESIGN PRESSURES

Between 5 bar and 3500 bar.

VOLUMES

Any capacity ranging from 0.1 litres to over 1500 litres.

OPERATING TEMPERATURES

Standard range is from -10°C to +50°C.

Min temperature -40°C to Max temperature +200°C.

SEALING MATERIALS

Standard seals are Nitrile Butadiene Rubber (NBR) and Polytetrafluoroethylene (PTFE).

Optional seals include Viton (FPM), Polyurethane (PUR) and Perfluoroelastomer (FFKM).

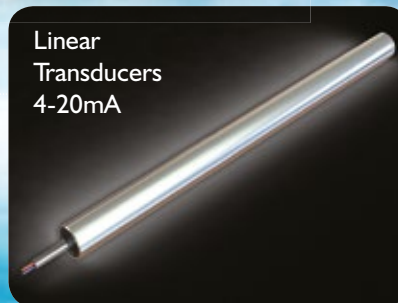
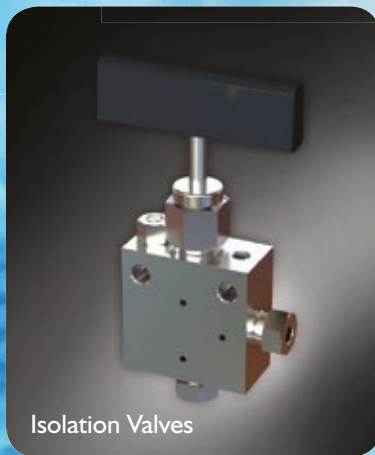
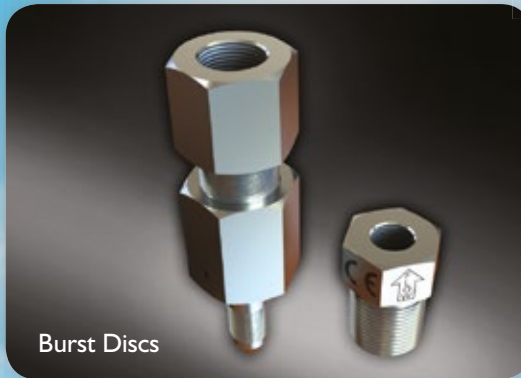
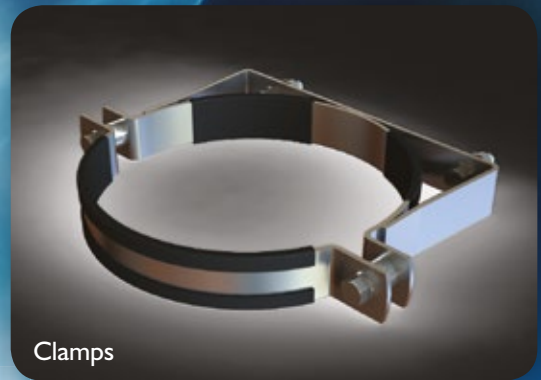
PORTING

Standard ports include BSP, NPT, SAE, Autoclave (others available on request).

PISTON POSITION INDICATORS

Also available; Ultrasonic Measurement System
Cable Tension System.

ACCESSORIES



QUALITY ASSURANCE

With the aid of an experienced and dedicated engineering team, Hystat incorporates efficiency, reliability and safety into all of its products.

Our design and manufacturing process has achieved ISO 9001 and ISO 45001 accreditation, in addition to Lloyds approval to design and manufacture to the Pressure Equipment Directive 2014/68/EU and ASME U code marking. ATEX conformity also available.

- All products 100% inspected
- Standard tests carried out with either mineral oils or water glycol fluids
- Continual test oil monitoring (minimum cleanliness on delivery to ISO4406:1999 Class 17/15/12)
- Static and operational testing available
- Third party (Lloyds, DNV, ABS etc.) design and test approval (on request or as directed by regulations)
- Products supplied with design, production and inspection documentation
- Component parts inspected and verified by a dedicated inspection team



PRODUCT RANGE

Piston Accumulators

Quick Release Pressure Vessels

Special Bladder Accumulators

High Pressure Gas Bottles

Volume / Condensate / Sampling Bottles

Stainless Steel Air Reservoirs

Intensifier / De-Intensifier Accumulators

Spring Loaded Accumulators

Mixing Bottles (Water Jet Cutting)



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