

Accumulators & Reservoirs



Technetics Group has over 50 years of design experience, thousands of time-tested applications and is a trusted supplier to the world's largest manufacturers and end users in critical markets. Technetics Group can provide an engineered solution for your application, drawing on our extensive design database and accumulator manufacturing experience.

ACCUMULATOR OFFERINGS

- Bellows Accumulators

COMMON APPLICATIONS

- Fluid Storage
- Energy Storage
- Pulsation Dampers
- Volume Compensators
- Thermal Compensators
- Water-hammer Damping

ADVANTAGES OF BELLOWS ACCUMULATORS

- Maintenance free design that incorporates edge-welded metal bellows
- High reliability and low maintenance costs
- Ideal for applications where disassembly/repair is time consuming and expensive (subsea, aircraft, rockets, wind turbines)
- Little friction between bellows and housing resulting in quick response time
- Can be made of corrosion-resistant materials to withstand extreme environments

PRESSURE

- Vacuum to 10,000 psi and higher operating pressure (20,000 psi burst)

VESSEL MATERIALS

- 304L, 316L
- 15-5PH, 17-4PH
- Super Duplex SST
- Ti-6Al-4V, Ti CP2
- Inconel 718
- Aluminum 6061

TESTING CAPABILITIES

Fatigue/Cycle Life, HPMFA testing per ARP 4378

- Pressures up to 6200 psi
- Impulse per ARP 1383, pressures up to 6200 psi

Environmental

- -85 °F to 350 °F ambient temperature
- 5% to 85% humidity (for temperatures above 32 °F)
- -65 °F to 275 °F fluid temperature
- Thermal Shock (rapid cooling)
 - Cool at a rate of 100 °F/min

ACCESSORIES AVAILABLE

- Sensors
 - LVDT
 - RVDT
 - Pressure Sensor
 - RTD and other temperature sensors
- Fluid and Gas Ports and Fittings
- Bleed Valves
- Burst Discs
- Mounting Features and Clamps

TECHNETICS GROUP

EnPro Industries companies

305 Fentress Blvd
Daytona Beach, FL 32114 USA

Phone: 386-253-0628

Fax: 386-257-0122

daytona@technetics.com
technetics.com

Technetics
GROUP

EnPro Industries companies