

PRESSURE VESSEL/ACCUMULATOR

M9000

FEATURES

The *Grace Instrument M9000 Pressure Vessel / Accumulator* is designed for high-pressure and high-temperature testing of process fluids. This ASME-compliant accumulator can store and transfer high-pressure fluid via hydraulic displacement. During operation, the driving fluid enters the vessel and drives process fluid out the other end via a floating piston. The floating piston isolates process fluid from the driving fluid and simultaneously reduces pressure load.

AT A GLANCE

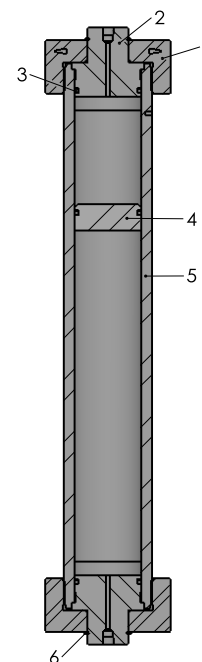
- Suited for elevated pressure and temperature testing.
- Design complies with **ASME BPVC Section VIII — Rules for Construction of Pressure Vessels Division 2.**
- Easy to operate and maintain.
- Anti-corrosion design—fluid does not directly contact threads.
- Customization available. Connections/materials can be adjusted upon request.

SPECIFICATIONS

Model	Volume (cc)	Max. Pressure (psi)	Temperature (°C/°F)	Material	Connection
ACU9000AS01	500	6,000	204/400	Stainless Steel 316	1/8" MNPT
ACU9000AS02	500	6,000	204/400	Hastelloy C276	1/8" MNPT
ACU9000AS03	500	10,000	204/400	Stainless Steel 316	1/8" MNPT
ACU9000AS04	500	10,000	204/400	Hastelloy C276	1/8" MNPT
ACU9000AS05	1,000	6,000	204/400	Stainless Steel 316	1/8" MNPT
ACU9000AS06	1,000	6,000	204/400 </td <td>Hastelloy C276</td> <td>1/8" MNPT</td>	Hastelloy C276	1/8" MNPT
ACU9000AS07	1,000	10,000	204/400	Stainless Steel 316	1/8" MNPT
ACU9000AS08	1,000	10,000	204/400	Hastelloy C276	1/8" MNPT
ACU9000AS09	2,000	6,000	204/400	Stainless Steel 316	1/8" MNPT
ACU9000AS10	2,000	6,000	204/400	Hastelloy C276	1/8" MNPT
ACU9000AS11	2,000	10,000	204/400	Stainless Steel 316	1/8" MNPT
ACU9000AS12	2,000	10,000	204/400	Hastelloy C276	1/8" MNPT
ACU9000AS13	2,500	6,000	204/400	Stainless Steel 316	1/8" MNPT
ACU9000AS14	2,500	6,000	204/400	Hastelloy C276	1/8" MNPT
ACU9000AS15	2,500	10,000	204/400	Stainless Steel 316	1/8" MNPT
ACU9000AS16	2,500	10,000	204/400	Hastelloy C276	1/8" MNPT



Valves not included



1. Cap
2. End Plug
3. O-Ring
4. Piston
5. Housing
6. Retainer Ring