



ULTRA-HIGH PURITY SPECIALTY GAS VALVES

KEY FEATURES

- Durable brass, stainless steel, & nickel construction
- Valves are 100% helium leak-tested at the factory
- Precise control of high pressure gases

BENEFITS

- We carry a variety of styles for lab applications, semiconductor manufacturing, calibration industrial processing and more
- Reduce long lead times
- Fast Shipping

We Carry Two Seal Types of UHP Specialty Valves:

- 1. Diaphragm Seal Type**
 - Brass
 - Stainless Steel (303 or 316)
 - Nickel
- 2. Tied Diaphragm Seal Type**
 - Brass
 - Stainless Steel (303 or 316)
 - Nickel

UHP VALVE SPECIFICATIONS*

<i>Gas Type</i>	Ultra-high purity, calibration mixtures, reactive, toxic, flammable
<i>Seal Type</i>	Diaphragm Seal Type
<i>Working pressure</i>	2,900 psi (200 bar)
<i>Temperature range</i>	-40 to 149 °F (-40 to 65 °C)
<i>Body materials</i>	Brass, Stainless Steel, Nickel
<i>Leak rate</i>	1.10-7 M bar l/s
<i>Seat orifice size</i>	3.5 Mm
<i>Marking</i>	π0029 (according to TPED), Valve part number, manufacturing date, nominal pressure and flow direction, Connections - seat material, 3 stars
<i>Connections</i>	CGA, DISS, or other international standards

* information can vary depending on manufacturer

