

Resonator

Gas Supply

624 SERIES

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624 SERIES GAS PANELS



6242112-01-001 shown

The 624 Series is a three-regulator point-of-use panel designed to supply lasing gases to multiple sites from a central source. The inlets and outlets are labeled for resonator gases. The regulator outlets are equipped with stainless steel compression tube fittings to ensure purity requirements.

Advanced Features & Specifications

LASER QUALITY BRASS REGULATORS	Capsule® seat
LASER QUALITY DIAPHRAGM AND SEALS	No possibility of gas contamination
USER FRIENDLY PANEL	Easily identifies the gas service
MULTIPLE REAL INLET CONNECTIONS	Maximum installation flexibility
BODIES	Brass barstock
DIAPHRAGMS	316L stainless steel
SEATS	PTFE
FILTERS	10-micron sintered bronze
WEIGHT	10.5 lbs. (4.73 kg)
MAXIMUM INLET PRESSURE	3000 PSIG (210 BAR)
TEMPERATURE RANGE	-40 to 140°F (-40 to 60°C)
GAUGES	2" diameter chrome-plated brass
HELIUM LEAK INTEGRITY	1 x 10 ⁻⁸ scc/sec
CV	0.1

Ordering Information

624	A	B	C	D
Series	Max Outlet Pressure	Inlet Connection	Outlet	Assembly/Gauges
624	1: 30 PSIG (2 BAR)	0: ¼" FPT port	0: ¼" FPT port	1: Standard assembly (PSIG/kPA)
	2: 100 PSIG (7 BAR)	1: ¼" stainless steel compression tube	1: ¼" stainless steel compression tube	2: Standard assembly (BAR/PSIG)
	4: 200 PSIG (14 BAR)	2: 36" (900mm) flexible 316 stainless steel hose		
		3: Diaphragm valve with ¼" NPT		
		4: Diaphragm valve with stainless steel compression tube		
		5: Diaphragm valve with inlet tee purge		