

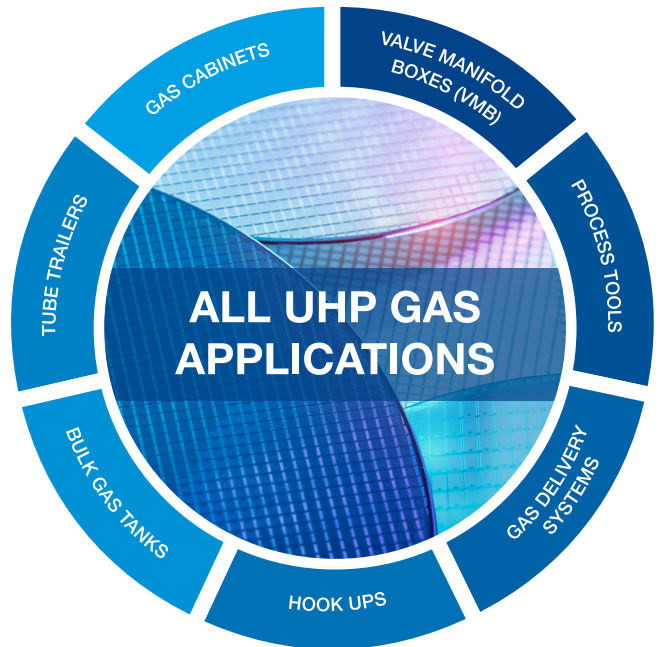
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ULTRA HIGH PURITY GAS PRESSURE REGULATORS & LINE VALVES





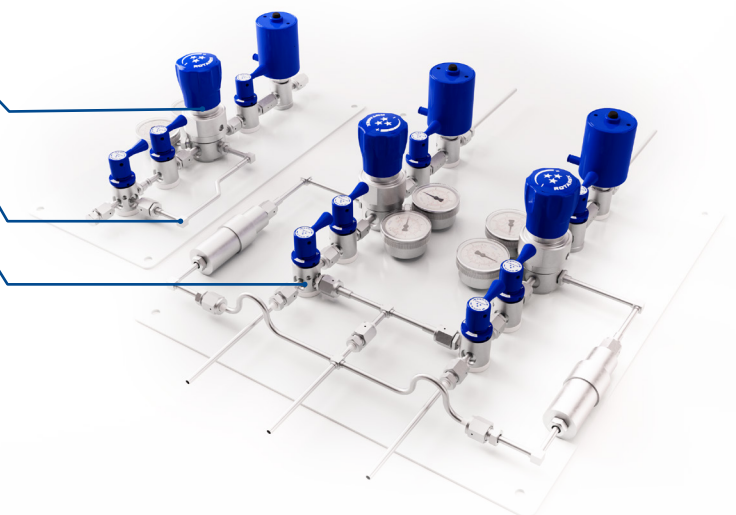
ULTRA HIGH PURITY GAS SOLUTIONS

UHP gases are used in the all-Semiconductor manufacturing process. Equipment such as valves and regulators must ensure the highest level of tightness and avoid any contamination of the gas they carry.

UHP GAS PRESSURE REGULATOR

UHP FITTINGS

UHP LINE VALVES





I UHP GAS PRESSURE REGULATORS



RX1000
Compact single stage

Max. inlet pressure	240 bar (3,500 psig)
Outlet pressure	0.7/2/4/7/10 bar (10/29/58/102/145 psig)
Flow capacity (Cv)	0.04/0.09/0.15



RX3000
Single stage diaphragm 1/4"

Max. inlet pressure	21/240 bar (305/3,500 psig)
Outlet pressure	0.7/2/4/7/10/21 bar (10/29/58/102/145/305 psig)
Flow capacity (Cv)	0.09/0.15



RX3100
Sub-atmospheric 1/4"

Max. inlet pressure	21 bar (305 psig)
Outlet pressure	0.7/2 bar (10/29 psig)
Flow capacity (Cv)	0.09



RX3200
Single stage tied-diaphragm 1/4"

Max. inlet pressure	21/240 bar (305/3,500 psig)
Outlet pressure	0.7/2/4/7 bar (10/29/58/102 psig)
Flow capacity (Cv)	0.09/0.15



RX3600
High pressure diaphragm

Max. inlet pressure	240/310 bar (3,500/4,500 psig)
Outlet pressure	34/100 bar (500/1,450 psig)
Flow capacity (Cv)	0.15



RX3700
High pressure piston

Max. inlet pressure	310 bar (4,500 psig)
Outlet pressure	34/172 bar (500/2,500 psig)
Flow capacity (Cv)	0.09/0.15



RX3900
Dual stage

Max. inlet pressure	240/310 bar (2,500/4,500 psig)
Outlet pressure	0.7/2/4/7/10 bar (10/29/58/102/145 psig)
Flow capacity (Cv)	0.09



RX4000
Single stage diaphragm 1/2"

Max. inlet pressure	21/117/207/240 bar (305/1,700/3,000/3,500 psig)
Outlet pressure	2/4/7/10 bar (29/58/102/150 psig)
Flow capacity (Cv)	0.15/0.25/0.5/0.9/1.1



RX4100
Sub-atmospheric 1/2"

Max. inlet pressure	21 bar (305 psig)
Outlet pressure	0.7/2 bar (10/29 psig)
Flow capacity (Cv)	0.5



RX4200
Single stage tied-diaphragm 1/2"

Max. inlet pressure	21/117/207/240 bar (305/1,700/3,000/3,500 psig)
Outlet pressure	2/4/7/10 bar (29/58/102/150 psig)
Flow capacity (Cv)	0.15/0.25/0.5/0.9/1.1



I UHP GAS LINE VALVES



RX04 & RX04F

Max. working pressure	10/20/240 bar
Flow capacity	0.2
Nominal seat diameter	4 mm (0.16")



RX08 & RX08F

Max. working pressure	20/240 bar
Flow capacity	0.5
Nominal seat diameter	8 mm (0.31")



RX12

Max. working pressure	15 bar
Flow capacity	1.75
Nominal seat diameter	12 mm (0.47")



RX20

Max. working pressure	15 bar
Flow capacity	3.5
Nominal seat diameter	20 mm (0.79")



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