

ANALYTICAL & INSTRUMENTATION REGULATORS



MINI-300

A compact and economical regulator with two piston sensed options that provide control from 1bar to 100bar.

Port size	Cv	Service	Max inlet	Seat	Max outlet	Sensing	Venting option
1/8"	0.06	Gas	210bar 3000psi	PCTFE	100bar 1500psi	Piston	Non venting
			300bar 4350psi	PEEK			



LF-230

A Teflon lined diaphragm provides accurate control of low pressure and low flow within a relatively compact design. Optional diaphragm materials available on request.

Port size	Cv	Service	Max inlet	Seat	Max outlet	Sensing	Venting option
1/4"	0.06	Gas	210bar 3000psi	PCTFE	10bar 150psi	Elastomeric Diaphragm	Non venting
			10bar 150psi	PTFE			



LF-300

A Single Stage Regulator with Inconel X750 diaphragm for ultimate strength and reliability on clean or corrosive applications.

Port size	Cv	Service	Max inlet	Seat	Max outlet	Sensing	Venting option
1/4"	0.06	Gas	210bar 3000psi	PCTFE	35bar 500psi	InconelX750 Diaphragm	Non venting
			300bar 4350psi	PEEK			



TS-300

A Two Stage Regulator incorporating the same features as the LF-300 but with a two stage let down to maintain stable outlet pressure under changing inlet conditions.

Port size	Cv	Service	Max inlet	Seat	Max outlet	Sensing	Venting option
1/4"	0.06	Gas	210bar 3000psi	PCTFE	20bar 300psi	InconelX750 Diaphragm	Non venting
			300bar 4350psi	PEEK			



CYL-300

Basic regulator models adapted into gas cylinder regulator assemblies with full safety pattern gauges, bottle connectors, relief valves, isolation valves and flexible hoses.

Port size	Cv	Service	Max inlet	Seat	Max outlet	Sensing	Venting option
1/4"	0.06	Gas	210bar 3000psi	PCTFE	35bar 500psi	InconelX750 Diaphragm	Non venting
			300bar 4350psi	PEEK			



ACU-300

Basic Auto-Changeover Regulator to maintain continual supply of gas between banks of gas bottles. A simple 1/2 turn of the handwheel determines cylinders as primary supply and standby. A 2nd stage regulator maintains steady outlet.

Port size	Cv	Service	Max inlet	Seat	Max outlet	Sensing element	Venting option
1/4"	0.06	Gas	210bar 3000psi	PCTFE	20bar 300psi	Diaphragm	Non venting



ACS-300

Complete Auto-Changeover System to maintain continual supply of gas between banks of gas bottles with additional block and vent purge valves, 2nd stage regulator, pressure gauges, flexible hoses, bottle connectors, and safety relief valve.

Port size	Cv	Service	Max inlet	Seat	Max outlet	Sensing element	Venting option
1/4"	0.06	Gas	210bar 3000psi	PCTFE	20bar 300psi	Diaphragm	Non venting



XHS-300 XHS-301

Heated regulator with single 100W heater cartridge to prevent condensing of gas samples prior to analysis. Approved to ATEX and IECEx for use in hazardous areas.

Port size	Cv	Service	Max inlet	Seat	Max outlet	Sensing	Venting option
1/4"	0.06	Gas	210bar 3000psi	PCTFE	35bar 500psi	Diaphragm	Non venting
			300bar 4350psi	PEEK	180bar 2600psi	Piston	



XHR-300 XHR-301

Unique Dual Heated regulator with two 100W heater cartridges to preheat and reheat gas samples prior to analysis, or vapourise liquid hydrocarbons. Approved to ATEX for use in hazardous areas.

Port size	Cv	Service	Max inlet	Seat	Max outlet	Sensing	Venting option
1/4"	0.06	Gas or Liquid	210bar 3000psi	PCTFE	35bar 500psi	Diaphragm	Non venting
			300bar 4350psi	PEEK	180bar 2600psi	Piston	



XHM-300

Simple heater manifold block to heat sample stream or probes with two 1/4" flow channels. Approved to ATEX and IECEx for use in hazardous areas.

Port size	Cv	Service	Max inlet	Seat	Max outlet	Sensing element	Venting option
1/4"	N/A	Gas or Liquid	300bar 4350psi	N/A	N/A	N/A	N/A

