

CIGWELD

High Pressure Regulator

COMET

- Provides safe and accurate control pressures up to 20,000 kPa (2,800 psi)
- Designed for use with oxygen service and inert gases
- Designed for cylinder fill pressures up to 31,500 kPa
- Encapsulated seat which incorporates a sintered filter, protecting the seat against foreign material
- Pressure Relief Valves for the 3,000 kPa and 7,000 kPa delivery regulators
- 20,000 kPa models are fitted with either Type 11, Type 51 or Type 61 inlet nut for EHP cylinder connection
- Tube outlet connectors prevent accidental connection to low pressure equipment
- Each regulator is individually tested and set to a maximum delivery pressure



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QUALITY YOU CAN SEE

The COMET High Pressure Regulators are specifically designed for high pressure applications up to 20,000 kPa. The precision control of high pressure offered by these regulators makes suitable for high pressure industrial or laboratory applications.

FEATURES

- Provides safe and accurate control pressures up to 20,000 kPa (2,800 psi)
- Offers a range designed for use with oxygen service and inert gases
- Designed for cylinder fill pressures up to 31,500 kPa
- Encapsulated seat which incorporates a sintered filter, protecting the seat against foreign material
- The 3,000 kPa and 7,000 kPa versions incorporate a Pressure Relief Valve which gives the ability to pipe away any relieved gas
- 20,000 kPa models are fitted with either Type 11, Type 51 or Type 61 inlet nut for EHP cylinder connection
- Tube outlet connectors are a safety feature designed to prevent accidental connection of low pressure equipment to the regulator
- Each regulator is individually tested and set to a maximum delivery pressure.



High Pressure



Encapsulated Seat



Tube Outlet Connector

Part No.	Gas	Max. Outlet Pressure (kPa)	Rated Air Flow (l/min)	Gauge Range (kPa) Inlet	Gauge Range (kPa) Outlet	Connections Inlet	Connections Outlet
301560	Oxygen	3,000	1,600	30,000	4,000	AS2473 Type 10.5 (5/8" BSP RH Ext)	1/4" Tube fitting
301561	Oxygen	7,000	1,600	30,000	10,000	AS2473 Type 10.5 (5/8" BSP RH Ext)	1/4" Tube fitting
301562	Oxygen	20,000	2,000	40,000	30,000	AS2473 Type 11 (5/8" BSP RH Ext)	1/4" Tube fitting
310353	Air	3,000	1,600	30,000	4,000	AS2473 Type 60 (27x2mm Whit Form RH Int)	1/4" Tube fitting
310354	Air	7,000	1,600	30,000	10,000	AS2473 Type 60 (27x2mm Whit Form RH Int)	1/4" Tube fitting
310355	Air	20,000	2,000	50,000	30,000	AS2473 Type 61 (0.830" - 14 NGO RH Int)	1/4" Tube fitting
310346	Nitrogen	3,000	1,600	30,000	4,000	AS2473 Type 50 (24x2mm Whit Form RH Int)	1/4" Tube fitting
310347	Nitrogen	7,000	1,600	30,000	10,000	AS2473 Type 50 (24x2mm Whit Form RH Int)	1/4" Tube fitting
310348	Nitrogen	20,000	2,000	50,000	30,000	AS2473 Type 51 (1.040" - 14 NGO RH Int)	1/4" Tube fitting
301563	Inert Gases	3,000	1,600	30,000	4,000	AS2473 Type 10 (5/8" BSP RH Ext)	1/4" Tube fitting
301564	Inert Gases	7,000	1,600	30,000	10,000	AS2473 Type 10 (5/8" BSP RH Ext)	1/4" Tube fitting
301565	Inert Gases	20,000	2,000	50,000	30,000	AS2473 Type 11 (5/8" BSP RH Ext)	1/4" Tube fitting

APPLICATIONS

The three pressure ranges available in the COMET High Pressure Regulator Range means there is one suited to each application. The 3,000 kPa version offers accuracy at lower pressures while the 20,000 kPa version suits application's requiring high pressures.

The COMET High Pressure Regulators are ideally suited for industrial or laboratory work, pneumatic loading of test apparatus, static testing of pressure component, pressurising high pressure systems or high pressure decanting.



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