

COMET Regulators

COMET 5000 High Outlet Pressure Regulators



Part No.	Gas	Max. Outlet Pressure (kPa)	Rated Air Flow ³ (l/min)	Gauge Range (kPa)		Inlet	Connections	Outlet
				Inlet	Outlet			
301560	Oxygen	3,000	1,600	30,000	4,000	AS 2473 Type 10.5 (5/8" BSP RH Ext)		1/4" Tube fitting
301561	Oxygen	7,000	1,600	30,000	10,000	AS 2473 Type 10.5 (5/8" BSP RH Ext)		1/4" Tube fitting
301562 ¹	Oxygen	20,000	2,000	40,000	30,000	AS 2473 Type 11 (5/8" BSP RH Ext)		1/4" Tube fitting
310353	Air	3,000	1,600	30,000	4,000	AS 2473 Type 60 (27x2mm Whit Form RH Int)		1/4" Tube fitting
310354	Air	7,000	1,600	30,000	10,000	AS 2473 Type 60 (27x2mm Whit Form RH Int)		1/4" Tube fitting
310355	Air	20,000	2,000	50,000	30,000	AS 2473 Type 61 (0.830" – 14 NGO RH Int)		1/4" Tube fitting
310346	Nitrogen	3,000	1,600	30,000	4,000	AS 2473 Type 50 (24x2mm Whit Form RH Int)		1/4" Tube fitting
310347	Nitrogen	7,000	1,600	30,000	10,000	AS 2473 Type 50 (24x2mm Whit Form RH Int)		1/4" Tube fitting
310348	Nitrogen	20,000	2,000	50,000	30,000	AS 2473 Type 51 (1.040" – 14 NGO RH Ext)		1/4" Tube fitting
301563	Inert gases	3,000	1,600	30,000	4,000	AS 2473 Type 10 (5/8" BSP RH Ext)		1/4" Tube fitting
301564	Inert gases	7,000	1,600	30,000	10,000	AS 2473 Type 10 (5/8" BSP RH Ext)		1/4" Tube fitting
301565 ¹	Inert gases	20,000	2,000	50,000	30,000	AS 2473 Type 11 (5/8" BSP RH Ext)		1/4" Tube fitting
301722	Hydrogen	7,000	2,200	30,000	10,000	AS 2473 Type 20 (5/8" BSP LH Ext)		1/4" Tube fitting



Features

- Based on the COMET regulator design. Provides safe and accurate control of pressures up to 20,000kPa (2,800psi).
- Pressure relief valves for the 3,000kPa and 7,000kPa delivery regulators.
- 20,000 kPa models are fitted with a Type II inlet nut for EHP cylinder connection.
- Special hardened diaphragms for strength and accuracy.
- 'T' screw control permits easy pressure settings and clear, easy-to-read safety gauges.
- Tube outlet connectors prevent accidental connection to low pressure equipment.
- Gauges comply to AS1349. Inlet connections comply to AS2473.

Applications

Ideally suited for industrial or laboratory work, pneumatic loading of test apparatus, static testing of pressure components, pressurising high pressure systems or high pressure decanting.

Spare Parts

Gauge – 30,000 kPa	301628
Gauge – 30,000 kPa Oxygen	301626
Gauge – 40,000 kPa	301823
Gauge – 50,000 kPa	301824
Gauge – 4,000 kPa Oxygen	301816
Gauge – 10,000 kPa Oxygen	301819
Gauge – 30,000 kPa Oxygen Plain	301858
Gauge – 4,000 kPa	301817
Gauge – 10,000 kPa	301818
Inlet nipple – type 10	301790
Inlet nipple – type 10.5	301917
Inlet nipple – type 11 Oxygen	310284
Inlet nipple – type 11 Inert	301917
Inlet nipple & nut kit – Nitrogen, type 50	310338
Inlet nipple & nut kit – Nitrogen, type 51	310341
Inlet nipple & nut kit – Air, type 60	310340
Inlet nipple & nut kit – Air, type 61	310342
Inlet nut – type 10	302624
Inlet nut – type 10.5	315039
Inlet nut – type 11	RG40
Outlet connection 1/4" tube	303710
O-Ring kit T50/60	310363

Warning: Pressure relief valves for 301560 and 301561 are set to relieve outlet pressures marginally in excess of 3000kPa and 7000kPa respectively. 301562 is not fitted with a pressure relief valve. When using these regulators to pressurise a closed system it is recommended to fit an independent safety valve to protect downstream equipment and ensure operator safety. This safety valve must be set at or below the maximum test pressure of the system and equipment.

NOTE: To protect your product warranty and to ensure a safe, quality repair, use a CIGWELD Accredited Service Repair Agent.