

COMET 750 Dual Stage Regulators



Part No.	Gas	Max. Outlet Pressure (kPa)	Rated Air Flow ² (l/min)	Gauge Range (kPa)		Inlet	Connections	Outlet
				Inlet	Outlet			
301871	Oxygen	1,000	800	30,000	1,600	AS 2473 Type 10.5 (5/8" BSP RH Ext) V11	5/8"-18 UNF RH Ext	
301597	Oxygen	1,000	800	30,000	1,600	AS 2473 Type 10.5 (5/8" BSP RH Ext) S11	5/8"-18 UNF RH Ext	



Features

- Optimum safety through pre-set first stage pressure reduction (approx. 1500 kPa).
- Highly accurate via sensitive adjustment of second stage outlet.
- Excellent pressure/flow characteristics.
- Encapsulated Seat Technology in both first and second stage.
- Constant outlet pressure regardless of variations of inlet pressure.
- The regulator is fitted with twin gauges enabling clear indication of outlet and inlet pressures.
- Gauges comply to AS1349. Inlet connections comply to AS2473.

Applications

COMET 750 regulators provide all the advantages of two stage control and should be used where precise and constant control of outlet pressure is required regardless of variations of the inlet pressure – such as that which occurs over the life of a cylinder's contents.

Spare Parts

Gauge – 30,000 kPa Oxy	301626
Gauge – 1,600 kPa Oxy	301853
Inlet nipple – type 10.5	301917
Inlet nut – type 10.5	315039
Outlet connection – RH	303209
O-Ring kit T10.5	301073

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

COMET 750 Dual Stage Industrial Gas Regulators



Part No.	Gas	Max. Outlet Pressure (kPa)	Rated Air Flow ² (l/min)	Gauge Range (kPa)		Inlet	Connections	Outlet
				Inlet	Outlet			
310356	Air	1,000	700	30,000	1,600	AS 2473 Type 60 (27x2mm Whit Form RH Int)	5/8"-18 UNF RH Ext	
310357	Air	400	300	30,000	600	AS 2473 Type 60 (27x2mm Whit Form RH Int)	5/8"-18 UNF RH Ext	
310350	Nitrogen	1,000	700	30,000	1,600	AS 2473 Type 50 (24x2mm Whit Form RH Int)	5/8"-18 UNF RH Ext	
310351	Nitrogen	400	300	30,000	600	AS 2473 Type 50 (24x2mm Whit Form RH Int)	5/8"-18 UNF RH Ext	
301873	Inert gases	1,000	700	30,000	1,600	AS 2473 Type 10 (5/8" BSP RH Ext)	5/8"-18 UNF RH Ext	
301874	Inert gases	400	300	30,000	600	AS 2473 Type 10 (5/8" BSP RH Ext)	5/8"-18 UNF RH Ext	
301872	CO ₂	400	200 ²	30,000	600	AS 2473 Type 30 (.860"-14 TPI RH Int)	1/2" BSP RH Ext	
301875	Hydrogen	800	750	30,000	1,000	AS 2473 Type 20 (5/8" BSP LH Ext)	5/8"-18 UNF LH Ext	
301877	Nitrous Oxide ²	800	600	20,000	1,000	AS 2473 Type 30 (.860"-14 TPI RH Int)	5/8"-18 UNF RH Ext	
MIG & TIG Shielding Gases								
310225	Argon, Ar/CO ₂	400	40	30,000	55 l/min	AS 2473 Type 10 (5/8" BSP RH Ext)	5/8"-18 UNF RH Ext	



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Features

- Optimum safety through pre-set first stage pressure reduction (approx. 1500 kPa).
- Highly accurate via sensitive adjustment of second stage outlet.
- Excellent pressure/flow characteristics.
- Encapsulated Seat Technology in both first and second stage.
- Constant outlet pressure regardless of variations of inlet pressure.
- The regulator is fitted with twin gauges enabling clear indication of outlet and inlet pressures.
- Gauges comply to AS1349. Inlet connections comply to AS2473.
- Safety ensured with internal and external relief devices.

Spare Parts

Gauge – 30,000 kPa	301628
Gauge – 30,000 kPa (CO ₂)	301822
Gauge – 20,000 kPa (N ₂ O)	301299
Gauge – 600 kPa	301854
Gauge – 1,600 kPa	301857
Gauge – 1,000 kPa	301856
Gauge – 1,000 kPa (N ₂ O)	301290
Gauge – flow 55 lpm	301625
Inlet nipple – type 10	301790
Inlet nipple – type 20	301917
Inlet nipple – type 30	310288
Inlet nipple & nut kit – type 50	310338
Inlet nipple & nut kit – type 60	310340
Inlet nut – type 10	302624
Inlet nut – type 20	302625
Inlet nut – type 30	R25
Outlet connection – RH	303209
Outlet connection – LH	303210
Outlet connection – CO ₂	303596
CO ₂ inlet washer	RG134
O-Ring kit T10/20	301073
O-Ring kit T50/60	310363