



oxyturbo[®]

Gas in Action

WELDING



PRODUCTS FOR GAS DISTRIBUTION
CONTROL SYSTEMS, PRESSURE REDUCERS
AND FLAME WELDING

AUTHORITY RECOGNISED BY THE MARKET



The Oxyturbo identity is as a partner as well as an effective supplier

Oxyturbo is present in the market as a proactive, safe reference for a wide range of products and a vast span of application fields. In each of these, the company has asserted its identity as a customer partner, based on three key concepts: the search for innovative solutions, product quality assurance, and versatility of response to market demands. The company's established experience, gained with the manufacturing and marketing of hundreds of products, focuses on constant collaboration with its partners, both in Italy and on the worldwide stage. These same partners can attest to the authoritativeness of their "company system".

RESEARCH AND DEVELOP INNOVATION

Exceeding your own limits: the most exciting challenge

Since its inception, Oxyturbo has always aimed to diversify and broaden its offer, both by looking at internationally applied research developments and by developing a strong internal R&D commitment. Oxyturbo research efforts have consistently aimed at introducing increasingly high performing, durable, eco-friendly, innovative systems. The Oxyturbo research team is one of the most prominent facilities in the industry thanks to their functionality, ease of use and safety of the products it has developed.



"TAILOR MADE" SOLUTIONS

Facilitating technical and commercial decisions for customers

Understanding customer needs and making products that meet these requirements have always been the core values behind the relationship between Oxyturbo and the market. Customers find a trusted reference in Oxyturbo, a real "facilitator" of technical and commercial decisions, able to identify and create the solutions that are needed and to contribute to the creation of value. The company also knows how to give the most targeted answers to each specific need, supporting them with an integrated service organisation that plans and delivers an equally versatile supply of products.

PRODUCTION WITH "SMART MANUFACTURING" LOGIC

Avant-garde facilities and 4.0 chain organisation

The Oxyturbo facilities which includes machines and robotic and digital systems have long been the main players in all their main manufacturing phases, even before the concept of Factory 4.0 was affirmed as a must in intelligent industry. Oxyturbo was one step ahead of those developments that today are strategic for modern manufacturing, ensuring production process efficiency, controlling the entire supply chain and safeguarding stringent qualitative parameters. It also ensures the accuracy of finishes and treatments of both metals and other elements and constructive details.



CERTIFIED, SELECTED QUALITY

The certainty of original Oxyturbo reliability



The Oxyturbo quality system is certified to EN ISO 9001. A traceability system is also used to follow the life of each product with a specific "manufacturing memory". The company has also created a special "brand" of origin that guarantees authenticity as "original Oxyturbo". As part of this logic of customer respect, the company focuses on the safety and reliability of products with a very competitive cost range. Selected products from the world market are directly tested for consistency with the company commitment to quality.



ICT LOGISTICS SYSTEM

Digital platforms for combined speed, diversification and precision

Quickness, availability and flexibility are all key components of the Oxyturbo logistics organisation. A proven, modern system with the latest Information Communication Technology, allowing orders to be executed in a fast and accurate manner. This is also bolstered by a dynamic response to constant stock availability of products, which are also equipped with their packaging. The system is controlled with digital platforms and process sensors within the company's commitment to a concrete "environment 4.0".





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GAS DISTRIBUTION CONTROL SYSTEMS

The many benefits of industrial gas distribution.

Numerous production processes use gas, which is provided at high pressure inside cylinders and cylinder packs for transport and storage. These cylinders are then used to power distribution networks which bring gas to the required pressure up to the point of use.

Benefits of gas centralisation:

SAFETY

- Cylinders are stored outside workshops.
- Work and circulation areas are unobstructed.
- Safety devices positioned at different levels of the system eliminate any risk of serious accidents.
- Possibility of feeding powerful torches.

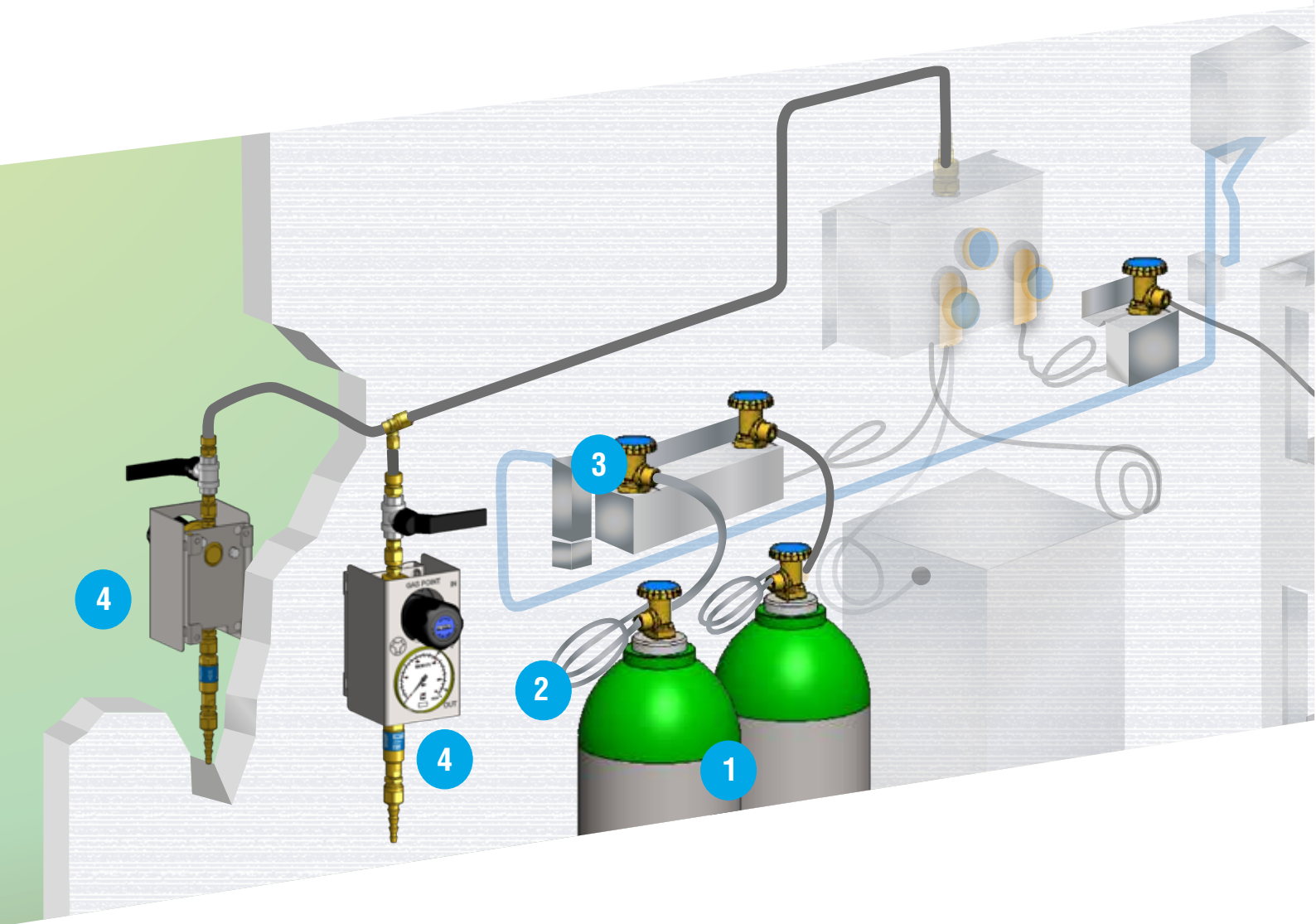
PRODUCTIVITY

- Continuous, controlled and constant pressure supply allows uninterrupted production of workstations (semi-automatic control units).

SAVINGS

- Reduced cylinder storage.
- Cylinder grouping significantly limits transport costs.

ACCESSORIES FOR GAS DISTRIBUTION CONTROL SYSTEMS



A new range of products for your work.

To be increasingly capable of meeting the demands of our welding customers, Oxyturbo has further expanded its range of products and is now able to offer several items required for work with gas distribution plants. Only the rigorous selection of equipment and materials guarantees total compatibility with the gases and mixtures to be used in these facilities.

The GAS POINT distribution points, the manifold systems, the cylinder racks and flexible connections come in three different versions (copper, PTFE, polyamide) and with two different lengths (1 or 3 metres) are part of the new Oxyturbo range.

Our work doesn't end here: our technical department is working to be able to offer other items over the next months in order to complement our centralised distribution systems for the industrial field.



DEFINE A GAS DISTRIBUTION SYSTEM:

Step 1 Choosing the welding procedure

- Define the gas or gases to be used

Step 2 Identify

- The number of workstations
- The type of equipment used (cutting torch - welding - heating - MIG-MAG-TIG welding machine)
- The actual operating time in welding per piece of equipment

Step 3 Establishing the instantaneous flow rate

The instantaneous flow rate allows you to measure the capacity of the control unit:

- Normal flow rate control unit
- High flow rate control unit

Step 4 Defining control unit autonomy

This step involves deciding the number of cylinders or cylinder packs to be used:

- Control unit with cylinders
- Control unit with cylinder packs

Step 5 Deciding control unit productivity

Productivity is directly related to the management of work interruptions due to gas supply disruptions once cylinders or cylinder packs have emptied.

If gas interruptions do not cause large operating problems for workshops, you can choose:

- Manual, simplified control units.
The decompression unit is powered by 1 or 2 sources of gas, but workstation power is interrupted when the source is emptied.

If interruptions are to be avoided as much as possible, you should choose:

- Semi-automatic control units
The decompression unit is powered by 2 sources of gas, one of which is in service and the other is the reserve. When the source in service is emptied, the reserve source automatically intervenes: supply to the workstations is therefore not interrupted.

GAS POINT

The necessary complements for centralised gas distribution are compact and easy to install.

FEATURES

GAS POINT distribution points are equipped with easy-to-mount stainless steel casing enclosures that envelop components to ensure maximum protection. Markings on the enclosure are built into it without the use of labels which could detach over time. **The models for oxygen, acetylene and propane are equipped with a dual safety valve against flame and gas returns.** The inlet connection is G3/8 male and is equipped with a G1/4 ball cut-off valve with inspecting filter. At outlet, the connection is G3/8 with hose connection. The pressure control gauges are 63 mm diameter and allow for easy reading of the internal scale.

USE IN THE FOLLOWING FIELDS OF APPLICATION

- Automotive
- Metallurgical
- Production or use of metal, plastic, glass and paper
- Packaging
- Chemical and petrochemical industry

WARRANTY
3
YEARS

STAINLESS
STEEL COVER
WITH INDELIBLE
MARKING

WALL BRACKET

OUTLET CONNECTION G3/8

INLET CONNECTION G3/8

G1/4 BALL CUT-OFF VALVE

ADJUSTMENT KNOB

63mm Ø GAUGE

DUAL SAFETY VALVE

GAS USED:
OXYGEN
ACETYLENE
PROPANE
ARGON/CO₂
INERT GASES
HYDROGEN/METHANE

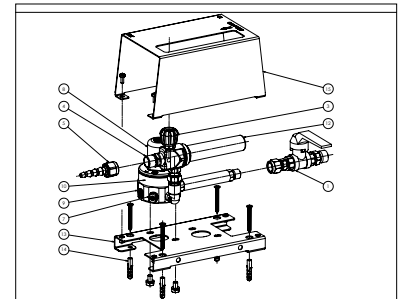
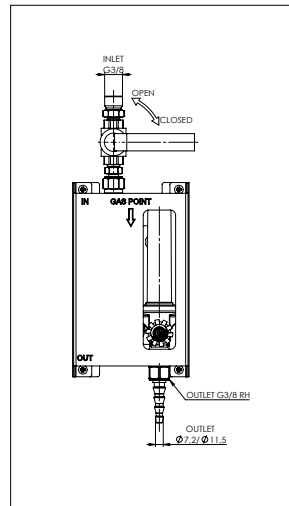
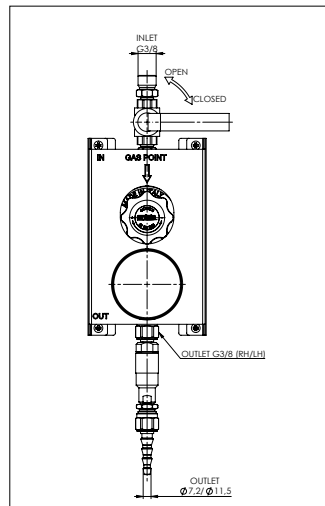


The pressure reducers included in our gas distribution points are equipped with a high-pressure capsule with a sintered filter at the inlet and are all provided with a safety valve. Their high supply precision makes them suitable for all welding and cutting applications. (F.A.V.= FLASHBACK ARRESTOR VALVE)

CODE	Description	Outlet	P1 (bar)	P2 (bar)	Q1 (m³/h)	Weight (kg)	No.Pcs.
190800	GAS POINT O ₂ + F.A.V.	3/8	30	10	30	1.75	1

CODE	Description	Outlet	P1 (bar)	P2 (bar)	Q1 (m³/h)	Weight (kg)	No.Pcs.
190820	GAS POINT C ₂ H ₂ + F.A.V.	3/8	1.5	1.5	5	1.85	1
190830	GAS POINT C ₃ H ₈ + F.A.V.	3/8	6	4.0	10	1.90	1
190840	GAS POINT H ₂ CH ₄ + F.A.V.	3/8	30	10	30	1.85	1

CODE	Description	Outlet	P1 (bar)	P2 (bar)	Q1 (m³/h)	Weight (kg)	No.Pcs.
190860	GAS POINT ARGON/CO ₂ WITHOUT F.A.V.	3/8	30	4.0	32 L/min	1.75	1
190870	GAS POINT INERT GASES WITHOUT F.A.V.	3/8	30	10	30	1.75	1





Flow measurements are essential for process control. Where it is useful or necessary to have a flow at a specific value, the best tool to use is a flow meter, which also allows for an immediate reading. Our Gas Points are available in versions with one up to four flow meters for possible use with one or more utilities. Their compact, elegant design makes them the favourite for use in laboratories, however they are ideal for any industrial application.

CODE	Description	Outlet	P1 (bar)	P2 (bar)	Q1 (L/min)	Weight (kg)	No.Pcs.
190861	GAS POINT AR/CO ₂ + 1 FLOW METER	3/8	30	3.5	30	2.15	1
190864	GAS POINT AR/CO ₂ + 2 FLOW METER	3/8	30	3.5	30	3.90	1
190863	GAS POINT AR/CO ₂ + 3 FLOW METER	3/8	30	3.5	30	4.24	1
190862	GAS POINT AR/CO ₂ + 4 FLOW METER	3/8	30	3.5	30	4.60	1



2ND STAGE LASER GAS POINT

APPROVED UP TO **300 BAR**



These high flow rate, powerful distribution points are ideal for centralised and laser cutting plants. Suitable for operating temperatures from -20 °C to +60 °C.

Made with:

- Maximum series piston reducer with all brass membrane
- Low pressure gauge, 63 Ø, in accordance with ISO 5171, approved for welding systems
- G1/2 F ball cut-off valve
- G1/2 M outlet fitting
- Wall support with stainless steel enclosure

Available for use with oxygen and with nitrogen.



CODE	Description	Outlet	P1 (bar)	P2 (bar)	Q1 (m ³ /h)	Weight (kg)	No.Pcs.
190880	GAS POINT laser cutting O ₂ 2 nd stage	1/2	60	50	180	2.40	1
190881	GAS POINT laser cutting N ₂ 2 nd stage	1/2	60	50	180	2.40	1

EN ISO 2503



GAS POINT SMART

GAS USED:

OXYGEN

ACETYLENE

PROPANE

ARGON/CO₂

INERT GASES

At the service of industrial gases

The simplest, easiest and quickest socket designed by Oxyturbo to complete gas distribution centralisation.

The inlet connection is G3/8 female. It is composed of a MaxySmart line regulator with 63 mm diameter pressure gauge or with a flow meter and outlet flexible hose connection. The pressure gauge is oriented so as to allow for easy operator reading.

The variants for oxygen, acetylene and propane are arranged for the connection of a dual safety valve against flame and gas returns.

GAS POINT SMART



CODE	Description	Inlet	Outlet	P2	Weight (Kg)	No. Pcs.	Pack. Dim. (l x w x h) cm	Pack. Weight (kg)
240302.PP	Gas Point Smart Oxygen	3/8"	1/4"	10 BAR	0.85	8	41 X 29 X 22	7.00
241352.PP	Gas Point Smart Acetylene	3/8" LH	3/8" LH	1.5 BAR	0.83	8	41 X 29 X 22	6.90
242352.PP	Gas Point Smart Propane	3/8" LH	3/8" LH	4 BAR	0.85	8	41 X 29 X 22	7.00
245302.PP	Gas Point Smart CO ₂ /Argon	3/8"	1/4"	32 L/min	0.83	8	41 X 29 X 22	6.90
245352.10PP	Gas Point Smart Inert gases	3/8"	3/8"	10 BAR	0.86	8	41 X 29 X 22	7.10

GAS POINT SMART WITH FLOW METER

The Gas Point Smart with flow meter is supplied with an adjustment knob and for this reason is particularly suitable for work where flow measurement requires greater immediacy and reading precision.



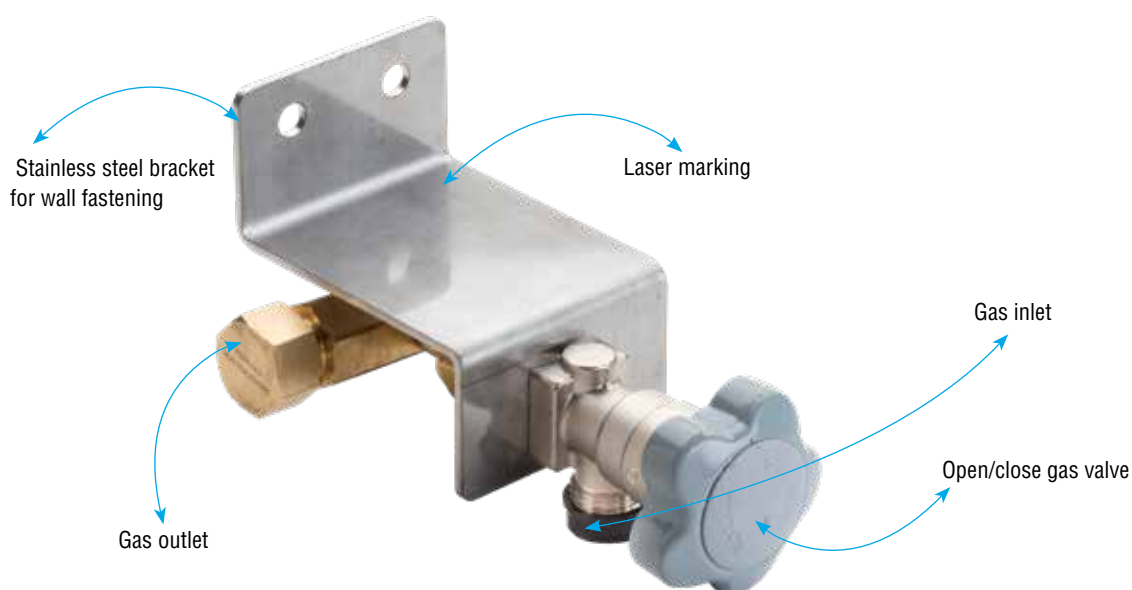
CODE	Description	Inlet	Outlet	P2	Weight (Kg)	No. Pcs.	Pack. Dim. (l x w x h) cm	Pack. Weight (kg)
245402.PP	Gas Point Smart CO ₂ /Argon + flowmeter	3/8"	1/4"	30 L/min	0.87	8	41 X 29 X 22	7.20





MANIFOLD SYSTEMS

To work more independently and efficiently.



Allow for multiple cylinders or cylinder packs to be connected in parallel to decompression devices on distribution plants in order to increase the autonomy of the plant supply itself.

➤ Our manifolds are available from single to triple and contain cut-off valves at inlet and and a double outlet (both on the right and on the left). Valve and inlet and outlet fitting bodies are made of brass.

➤ Inlet threading is in accordance with standard UNI/ISO and are dependent on gas.

➤ Identification is made by indication of the name and/or symbol of the gas supplied and the production batch marked with laser on the stainless steel bracket.

To avoid the incompatibility of gases with some materials, all braze-welding with silver alloy (potentially dangerous with acetylene) has been eliminated.

SINGLE MANIFOLD SYSTEMS



These are ideal for stable wall fixing of a powerful delivery reducer, to then be connected to the cylinder or to the cylinder pack by means of a flexible one. As this reducer is rather heavy and bulky, it would otherwise be complicated to have to fix it and remove it from the cylinder or the cylinder pack every time the gas is depleted.

CODE	Description	P1 max. (bar)	Inlet	Outlet	Weight (kg)	No.Pcs.
191810	O ₂ and inert gas single manifold system	300	W21.8X1/14"	W21.8x1/14"	1.35	1
192810	Acetylene single manifold system	25	G5/8"LH	G5/8"Lh	1.35	1
193810	Fuel gas* single manifold system	300	W20X1/14"LH	W20x1/14"Lh	1.35	1

*Fuel Gas= H₂ - C₃H₈ - C₄H₁₀



TWIN MANIFOLD SYSTEMS



These are ideal for stable wall fixing of a powerful delivery reducer and for having two separate inlets to obtain a gas reserve system, connecting for example a cylinder pack at inlet 1 and a cylinder at inlet 2, to be activated during a pack changeover to avoid any interruptions in operating processes. It is also possible to connect the manifold to a decompression panel via a flexible hose.

CODE	Description	P1 max. (bar)	Inlet	Outlet	Weight (kg)	No.Pcs.
191820	O ₂ and inert gas twin manifold system	300	W21.8X1/14"	W21.8X1/14"	3.20	1
192820	Acetylene twin manifold system	25	G5/8"LH	G5/8"LH	3.20	1
193820	Fuel gas twin manifold system	300	W20X1/14"LH	W20X1/14"LH	3.20	1

TRIPLE MANIFOLD SYSTEMS



These are ideal for having 3 separate inlets for connecting for example 3 cylinders for good gas autonomy. The manifolds can be connected both to a decompression panel via a flexible hose and directly to a powerful delivery reducer.

CODE	Description	P1 max.(bar)	Inlet	Outlet	Weight (kg)	No.Pcs.
191830	O ₂ and inert gas triple manifold system	300	W21.8X1/14"	W21.8X1/14"	5.10	1
192830	Acetylene triple manifold system	25	G5/8"LH	G5/8"LH	5.10	1
193830	Fuel gas triple manifold system	300	W20X1/14"LH	W20X1/14"LH	5.10	1

MANIFOLD SYSTEM CONNECTION FITTINGS

If more than 3 cylinders (or cylinder packs) need to be connected to power the plant, multiple manifolds in series can be installed using specific swivel connection fittings.



C5419050



C5419052



C5419051

CODE	Description	Weight (Kg)	No. Pcs.	Pack. Dim. (cm)	Pack. Weight (Kg)
C5419050	O ₂ and inert gas manifold system connection fitting	0.25	50	41 x 36 x 24	12.70
C5419051	Acetylene manifold system connection fitting	0.35	50	41 x 36 x 24	17.70
C5419052	Fuel gas manifold system connection fitting	0.20	50	41 x 36 x 24	10.20



CYLINDER RACKS

Oxyturbo proposes accessories for cylinder storage in compliance with safety regulations in the workplace.



CYLINDER RACKS



Accessories can be placed inside the laboratory or warehouse.

Cylinder packs are made of laser-cut INOX 430 stainless steel sheet and are equipped with a white galvanized chain to hold cylinders. They are single, twin and triple and are used to secure one or more 40/50 L compressed gas cylinders to the wall to thus prevent accidental falls.

Multiple, different type cylinder packs can be combined to meet space requirements or simply to increase the number of cylinders to be installed.

CODE	Description	Weight (kg)	No. Pcs.	Pack. Dim. (cm)	Pack. Weight (kg)
194890	Single cylinder pack	0.80	5	35 x 19 x 17	4.20
194891	Twin cylinder pack	1.50	10	73.5 x 30.5 x 23	15.20
194892	Triple cylinder pack	2.30	5	100 x 19 x 32.5	11.70



FLEXIBLE CONNECTIONS



The coils are the element needed to connect cylinders or cylinder packs to ramps or directly to the decompression panels on industrial gas distribution systems.

They have a gas-specific UNI connection and are available in three versions:

- Nickel-plated copper
- Coated double stainless-steel braid PTFE with anti-kink safety cable
- Steel coated polyamide, polyurethane cover and an anti-kink safety cable

COPPER COILS



Nickel-plated copper coils complete with handle for easy cylinder connection.

Operating pressure: 240 bar

Operating temperature: from -15°C to +60°C

It is advisable to use appropriate length coils and to check the condition of the gaskets at each cylinder or cylinder pack change. The production lot number and references to inlet and outlet fittings are also engraved on the handle.

Available lengths: 1 and 3 metres.

➤ **Please see instructions contained in the table for connections** (which differ depending on the gases). (Page 20-21)

FLEXIBLE COILS IN PTFE



Flexible coils in PTFE coated in double stainless-steel braiding with anti-kink safety cable and handle for easy cylinder connection.

Operating pressure: up to 240 bar

Operating temperature: from -60°C to +180°C

It is advisable to use appropriate length coils and to check the condition of the gaskets at each cylinder or cylinder pack change.

Available lengths: 1, 2 and 3 metres.

The production lot number and references to inlet and outlet fittings are also engraved on the handle.

Please see instructions contained in the table for connections (which differ depending on the gases). (Page 20-21)

FLEXIBLE COILS IN POLYAMIDE



Flexible coils in steel coated polyamide, polyurethane cover and anti-kink safety cable and handle for easy cylinder connection.

Operating pressure: up to 240 bar

Operating temperature: from -60°C to +180°C

It is advisable to use appropriate length flexible coils and to check the condition of the gaskets at each cylinder or cylinder pack change.

Available lengths: 1, 2 and 3 metres.

The production lot number and references to inlet and outlet fittings are also engraved on the handle.

Please see instructions contained in the table for connections (which differ depending on the gases). (Page 20-21)

SAFE OPERATIONS

PERIODIC MAINTENANCE OF EQUIPMENT

UNI 11627 is the UNI reference standard for the periodic maintenance and checking of manual gas welding and cutting equipment. It also relates to techniques connected downstream of the cylinder valve or, in the case of centralised distribution, of mobile equipment downstream at the point of use. This standard describes the methods and frequency of verifications by the type of product, which integrate but do not replace the requirements that the manufacturer indicates in the use and maintenance manual related to individual products.

EQUIPMENT	VISUAL INSPECTION - VERIFICATION SEAL TESTING			FREQUENCY OF COMPLETE OVERHAUL OR REPLACEMENT (2)
	EACH TIME THE CYLINDER IS REPLACED OR COMPONENTS ARE CONNECTED	EACH TIME EQUIPMENT IS USED	ANNUALLY	
General, common to all equipment (2)	Follow manufacturer instructions. Always include: Visual inspection to determine the appropriateness of equipment for the intended use (for example: the type of gas, pressure, flow rate), absence of damage, absence of grease or oily residue (<i>see below for details for each specific piece of equipment</i>)	Visual inspection to determine the appropriateness of equipment for the intended use (for example: the type of gas, pressure, flow rate), absence of damage, absence of grease or oily residue (<i>see below for details for each specific piece of equipment</i>)	Includes verifications required each time cylinders are replaced or any components are connected, to which the specific checks for each type of equipment are to be added (see below): (<i>This check can be made more frequently depending on the conditions of use</i>)	This check can be made more frequently depending on the conditions of use
Pressure reducers (1)	Visual inspection: <ul style="list-style-type: none"> • Conditions of threading, gaskets, pressure gauges, inlet and outlet fittings • Absence of grease or oily residue • Upon start-up: check that pressure gauge indicators are correctly indicating starting zero position and have smooth, uniform movement at pressure increase • Junction seal testing at operating pressure 	<ul style="list-style-type: none"> • Upon start-up: check that the pressure gauge indicators correctly indicate the initial zero position and have smooth and uniform movement at the pressure increase • Junction seal testing at operating pressure 	<ul style="list-style-type: none"> • Perform a general test to verify correct operation throughout the operating pressure range • Junction seal testing at operating pressure 	Complete overhaul or replacement maximum every 5 years
Shutter quick coupling	<ul style="list-style-type: none"> • Verification of correct closing mechanism operation • Junction seal testing at operating pressure 	<ul style="list-style-type: none"> • Junction seal testing at operating pressure 	<ul style="list-style-type: none"> • Verification of correct closing mechanism operation • Junction seal testing at operating pressure 	Systematic replacement in the event of operating failure, or maximum every 5 years
Note: 1) Does not apply to reducers integrated into the cylinder valve, whose maintenance is entrusted to the gas supplier. 2) Contact your local supplier regarding safety data for the gas and materials used.				

It is extremely important to follow these tips and treat your equipment carefully. All manufacturers try to produce safe materials, but a small distraction during their use can have serious consequences. It is also advisable to apply safety valves on reducers to provide greater safety during daily work.



PRESSURE REDUCERS FOR RECHARGEABLE CYLINDERS

These pressure reducers are devices connected to rechargeable cylinders to reduce the pressure of the gas used, as it is unusable by the user at the values present in the cylinder. It is also referred to as a pressure regulator as it also has the function of stabilising the outlet pressure from the cylinder itself.

Rechargeable cylinder connection consists of a gas conveyor injector in the high pressure chamber of the reducer and of a nut (for cylinders with a male attachment) or a ring nut (for cylinders with a female attachment) or a bracket (only for acetylene cylinders and specific bracket attachment).

PRESSURE REDUCERS FOR USE WITH INDUSTRIAL GASES IN CYLINDERS

Designed and manufactured according to the most stringent international safety standards.



EN ISO 2503

All our pressure reducers are built in compliance with standard EN ISO 2503 which foresees:

- ▶ safety valve
- ▶ obligatory marking
- ▶ gauges according to the standard
- ▶ unremovable pressure adjusting knob

Failure to comply with any of the mentioned conditions indicates that the pressure reducer shall no more comply with the standard. Pressure reducer connections are in compliance with standard UNI 11144



P1-PRESSIONE

300 bar is the max. supply pressure for Maxymum, Magnum Smart, Magnum Rear Side, Maxy, Maxy Power Control, Maxy Flux, Maxy Smart and Mini series.

OBLIGATORY MARKING

Standard EN ISO 2503 foresees the following obligatory markings:

- ▶ Name or trademark of the manufacturer and/or distributor
- ▶ Pressure reducer class -K- or operating pressure -P2-
- ▶ Rated inlet pressure, -p1-
- ▶ Gas intended for use
- ▶ **Our markings are made with a laser procedure**
- ▶ **It is important to carefully read the marking, this way you can distinguish an original from a counterfeit product.**



PRESSURE GAUGES

The pressure gauges fitted on our pressure reducers are built according to standard ISO 5171 and are marked accordingly.



UNREMOVABLE PRESSURE ADJUSTING KNOB

Our pressure reducers are provided with an unremovable adjusting knobs to ensure the highest safety during their use at maximum working pressures.

INTEGRATED CAPSULE

All our pressure reducers are equipped with an INTEGRATED CAPSULE device with a filter to provide increased reliability and easier maintenance.

- ▶ **All our pressure reducers are tested individually to ensure their operation and safety.**

Our range includes the following reducers:

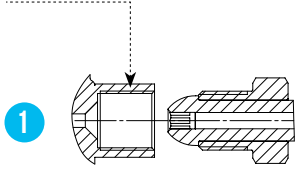


FRONT CONTROL	VERTICAL CONTROL	FOR DISPOSABLE CYLINDERS
MAXYMUM	MAXY	MIGNON
MAGNUM SMART	MAXY POWER CONTROL	MICRO
MAGNUM REAR SIDE SMART	MAXY FLUX	
MINI	MAXY SMART	

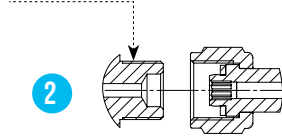
CYLINDER CONNECTIONS

GAS	CHEMICAL SYMBOL	OUTLET DIMENSIONS	STANDARD	OUTLET NUMBER
ITALY				
Acetylene	C ₂ H ₂	Ø 20 X Ø 10mm	7S - UNI 11144	4
		G 5/8" LH	7F - UNI 11144	1
Argon	Ar	W24.5 X 1/14"	8 - UNI 11144	1
Butane	C ₄ H ₁₀	W20 X 1/14" LH	1P - UNI 11144	2
Carbon dioxide	CO ₂	W21.7 X 1/14"	2 - UNI 11144	2
Air		W30 X 1/14"	6 - UNI 11144	2
Helium	He	W24.5 X 1/14"	8 - UNI 11144	1
Hydrogen	H ₂	W20 X 1/14" LH	1H - UNI 11144	2
Methane	CH ₄	W20 X 1/14" LH	1H - UNI 11144	2
Nitrogen	N ₂	W 21.7 X 1/14"	5 - UNI 11144	1
Oxygen	O ₂	W21.7 X 1/14"	2 - UNI 11144	2
Propane	C ₃ H ₈	W20 X 1/14" LH	1P - UNI 11144	2
GERMANY, AUSTRIA, SWITZERLAND, CZECH REPUBLIC, SLOVAKIA, HUNGARY, POLAND				
Acetylene	C ₂ H ₂	Ø 15.3 X Ø 7.5	DIN 477 No.3	4
Argon	Ar	W21.8 X 1/14"	DIN 477 No.6	2
Butane	C ₄ H ₁₀	W21.8 X 1/14" LH	DIN 477 No.6	2
Carbon dioxide*	CO ₂	W21.8 X 1/14"	DIN 477 No.6	2
Air		G 5/8"	DIN 477 No.13	1
Helium	He	W21.8 X 1/14"	DIN 477 No.6	2
Hydrogen	H ₂	W21.8 X 1/14" LH	DIN 477 No.1	2
Methane	CH ₄	W21.8 X 1/14" LH	DIN 477 No.1	2
Nitrogen	N ₂	W24.32 X 1/4"	DIN 477 No.10	2
Oxygen*	O ₂	G 3/4"	DIN 477 No.9	2
Propane	C ₃ H ₈	W21.8 X 1/14" LH	DIN 477 No.1	2
* Czech Rep. and Slovakia: CO ₂ G 3/4" - Oxygen W21.8 x 1/14"				
UK				
Acetylene	C ₂ H ₂	G 5/8" LH	BS 341 No.2	1
Argon	Ar	G 5/8"	BS 341 No.3	1
Butane	C ₄ H ₁₀	G 5/8" LH	BS 341 No.4	1
Carbon dioxide	CO ₂	0.860" X 14 TPI	BS 341 No.8	2
Air		G 5/8"	BS 341 No.3	1
Helium	He	G 5/8"	BS 341 No.3	1
Hydrogen	H ₂	G 5/8" LH	BS 341 No.2	1
Methane	CH ₄	G 5/8" LH	BS 341 No.2	1
Nitrogen	N ₂	G 5/8"	BS 341 No.3	1
Oxygen	O ₂	G 5/8"	BS 341 No.3	1
Propane	C ₃ H ₈	G 5/8" LH	BS 341 No.4	1
FRANCE				
Acetylene	C ₂ H ₂	Ø 21 X Ø 10mm	NF E 29-650/A	4
	Ar	W 22.91 X 1/14" LH	NF E 29-650/H	1
Argon	C ₄ H ₁₀	W 21.7 X 1/14"	NF E 29-650/C	2
Butane	CO ₂	W 21.7 X 1/14" LH	NF E 29-650/E	2
Carbon dioxide		W 21.7 X 1/14"	NF E 29-650/C	2
Helium	He	W 21.7 X 1/14"	NF E 29-650/C	2
Hydrogen	H ₂	W 21.7 X 1/14" LH	NF E 29-650/E	2
Methane	CH ₄	W 21.7 X 1/14" LH	NF E 29-650/E	2
Nitrogen	N ₂	W 21.7 X 1/14"	NF E 29-650/C	2
Oxygen	O ₂	W 22.91 X 1/14"	NF E 29-650/F	1
Propane	C ₃ H ₈	W 21.7 X 1/14" LH	NF E 29-650/E	2

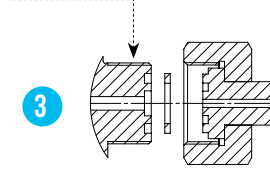
VALVE OUTLET INTERNAL



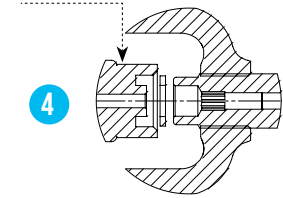
VALVE OUTLET EXTERNAL



VALVE OUTLET EXTERNAL



VALVE OUTLET YOKE



GAS	CHEMICAL SYMBOL	OUTLET DIMENSIONS	STANDARD	OUTLET NUMBER
HOLLAND, BELGIUM				
Acetylene	C ₂ H ₂	Ø 20 X Ø 9mm	NEN 3268 YOKE	4
	C ₂ H ₂	G 5/8" LH	NEN 3268 LI2	1
Argon	Ar	W 24.32 X 1/14"	NEN 3268 RU 3	2
Butane	C ₄ H ₁₀	W21.8 X 1/14" LH	NEN 3268 LU 1	2
Carbon dioxide	CO ₂	W21.8 X 1/14"	NEN 3268 RU 1	2
Air		W21.8 X 1/14"	NEN 3268 RU 6	2
Helium	He	W24.32 X 1/14"	NEN 3268 RU 3	2
Hydrogen	H ₂	W21.8 X 1/14" LH	NEN 3268 LU 1	2
Methane	CH ₄	W21.8 X 1/14" LH	NEN 3268 LU 1	2
Nitrogen	N ₂	W24.32 X 1/14"	NEN 3268 RU 3	2
Oxygen	O ₂	G 5/8"	NEN 3268 RI 2	1
Propane	C ₃ H ₈	W21.8 X 1/14" LH	NEN 3268 LU 1	2
SWEDEN, NORWAY, FINLAND				
Acetylene	C ₂ H ₂	G3/4"	SS 2238/C2	1
Argon	Ar	W24.32 X 1/14"	SS 2238/A	2
Butane	C ₄ H ₁₀	CGA 510 LH	SS 2238/C1	1
	C ₄ H ₁₀	W21.8 X 1/14" LH		2
Carbon dioxide	CO ₂	W21.8 X 1/14"	SS 2238/A	2
Air		G5/8"	SS 2238/C2	1
Helium	He	W24.32 X 1/14"	SS 2238/A	2
Hydrogen	H ₂	W21.8 X 1/14" LH	SS 2238/A	2
Methane	CH ₄	W21.8 X 1/14" LH	SS 2238/A	2
Nitrogen	N ₂	W24.32 X 1/14"	SS 2238/A	2
Oxygen	O ₂	W21.8 X 1/14"	SS 2238/A	2
Propane	C ₃ H ₈	CGA 510 LH	SS 2238/C1	1
	C ₃ H ₈	W21.8 X 1/14" LH		2
SPAIN, PORTUGAL				
Acetylene	C ₂ H ₂	YOKE	YOKE	4
	C ₂ H ₂	Ø 22.91 X 1/14" LH	MIE AP7	1
Argon	Ar	W21.7 X 1/14"	MIE AP7	2
Butane	C ₄ H ₁₀	W21.7 X 1/14" LH	MIE AP7	2
Carbon dioxide	CO ₂	W21.7 X 1/14"	MIE AP7	2
Air		M 30 X 1.75	MIE AP7	3
Helium	He	W21.7 X 1/14"	MIE AP7	2
Hydrogen	H ₂	W21.7 X 1/14" LH	MIE AP7	2
Methane	CH ₄	W21.7 X 1/14" LH	MIE AP7	2
Nitrogen	N ₂	W21.7 X 1/14"	MIE AP7	2
Oxygen	O ₂	W22.91 X 1/14"	MIE AP7	1
Propane	C ₃ H ₈	W 21.7 X 1/14" LH	MIE AP7	2
U.S.A.				
Acetylene	C ₂ H ₂	CGA 510 LH	CGA V-1	1
Argon	Ar	CGA 580	CGA V-1	1
Butane	C ₄ H ₁₀	CGA 510 LH	CGA V-1	1
Carbon dioxide	CO ₂	CGA 320	CGA V-1	2
Air		CGA 346	CGA V-1	2
Helium	He	CGA 580	CGA V-1	1
Hydrogen	H ₂	CGA 350	CGA V-1	2
Methane	CH ₄	CGA 510 LH	CGA V-1	1
Nitrogen	N ₂	CGA 580	CGA V-1	1
Oxygen	O ₂	CGA 540	CGA V-1	2
Propane	C ₃ H ₈	CGA 510 LH	CGA V-1	1

MAXYMUM

Professional pressure reducers for operating pressures up to 100 bar.

Gas flow
>200 m³/h

GAS USED:
OXYGEN
NITROGEN
ARGON

A new series of professional reducers obtained with brass bar production technology.

USE

Designed for highly professional and industrial applications and equipped with an overpressure safety device.

HIGH PRESSURE AND POWERFUL DISTRIBUTION

Allows for use of compressed gases up to 300 bar and enables high differential pressure output at 20/40/60/100 bar and flow rate superior than 200 m³/h



WARRANTY
3
YEARS

MAXYMUM REDUCER TECHNICAL FEATURES

- Approved by APRAGAZ for input pressure **p1=300 bar**
- The solid body made of brass bar guarantees resistance to hydraulic pressure of 450 bar without permanent deformation
- In addition to high-pressure and low-pressure machine marking, two threaded holes are present in the rear of the reducer body which allows reducer fastening for fixed wall applications.
- The high-pressure capsule is equipped with a new constant, limited high pressure tablet compression system. Combined with a piston pressure adjustment system, constructed entirely in brass, which ensures the best resistance even for the most heavy duty uses
- The pressure adjustment system, made with a plastic knob combined with an unremovable adjusting screw, can easily be used to reach the desired pressures.

- The safety valve used to discharge overpressure in case of high pressure system breakage has been approved in accordance with EN ISO 2503.
- The injector connecting to the cylinder enables connection to cylinders with all types of valve protections present on the market.
- The easy to read 63 Ø pressure gauges are protected by suitably sized protective caps.
- MAXYMUM reducers are packaged in a lithographed box with double die-cut protection to prevent collisions caused during transport.
- Used in a host of applications thanks to its versatility.



Especially suitable for cleaning air conditioning or inflating tyres. Available with four different pressure calibrations. **The nitrogen version is equipped with a kit which has two fittings: 1/4 SAE and 5/16 SAE.** OR seal lubrication inside the reducer is carried out using a lubricant (a specific grease) that is compatible with oxygen, approved by BAM. (for the oxygen version only).



MAXYMUM 100 BAR Low pressure gauge 0-160 bar red mark 100 bar



P1 Inlet pressure 300 bar - P2 Outlet pressure 100 bar - Q1 standard delivery flow > 200 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
NITROGEN	1/4 SAE + 5/16 SAE	294200.100	294209.100	294203.100	294202.100	2942049.100	294204.100	294202.100	294205.100
	G1/4	290200.100	290201.100	290203.100	290203.100	290203.100	290200.100	290203.100	
OXYGEN	9/16								290295.100
	1/4 SAE + 5/16 SAE	296200.100	296201.100	296203.100	296202.100	296209.100	296204.100	296202.100	296205.100

Weight of pressure reducer **1.60 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **53 x 25 x 37.5 cm** - Packaging weight **9.80 Kg**



MAXYMUM 60 BAR Low pressure gauge 0-100 bar red mark 60 bar

P1 Inlet pressure 300 bar - P2 Outlet pressure 60 bar - Q1 standard delivery flow < 150 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
NITROGEN	1/4 SAE + 5/16 SAE	294200	294209	294203	294202	2942049	294204	294202	294205
	G1/4	290200	290201	290203	290203	290203	290200	290203	
OXYGEN	9/16								290295
	1/4 SAE + 5/16 SAE	296200	296201	296203	296202	296209	296204	296202	296205

Weight of pressure reducer **1.60 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **53 x 25 x 37.5 cm** - Packaging weight **9.80 Kg**

294200



MAXYMUM 40 BAR Low pressure gauge 0-100 bar red mark 40 bar

P1 Inlet pressure 300 bar - P2 Outlet pressure 40 bar - Q1 standard delivery flow < 100 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
NITROGEN	1/4 SAE + 5/16 SAE	294200.40	294209.40	294203.40	294202.40	2942049.40	294204.40	294202.40	294205.40
	G1/4	290200.40	290201.40	290203.40	290203.40	290203.40	290200.40	290203.40	
OXYGEN	9/16								290295.40
	1/4 SAE + 5/16 SAE	296200.40	296201.40	296203.40	296202.40	296209.40	296204.40	296202.40	296205.40

Weight of pressure reducer **1.60 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **53 x 25 x 37.5 cm** - Packaging weight **9.80 Kg**

290200

MAXYMUM 20 BAR Low pressure gauge 0-100 bar red mark 25 bar

P1 Inlet pressure 300 bar - P2 Outlet pressure 20 bar - Q1 standard delivery flow < 60 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
NITROGEN	1/4 SAE + 5/16 SAE	294200.20	294209.20	294203.20	294202.20	2942049.20	294204.20	294202.20	294205.20
	G1/4	290200.20	290201.20	290203.20	290203.20	290203.20	290200.20	290203.20	
OXYGEN	9/16								290295.20
	1/4 SAE + 5/16 SAE	296200.20	296201.20	296203.20	296202.20	296209.40	296204.20	296202.20	296205.20

Weight of pressure reducer **1.60 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **53 x 25 x 37.5 cm** - Packaging weight **9.80 Kg**



NEVOC SYSTEM

The pressure reducers for 300 bar cylinders with international valve outlet

IMPORTANT SAFETY NOTE:
IT IS NEVER ACCEPTABLE TO USE ADAPTORS OR TO MODIFY REGULATORS TO FIT TO CYLINDERS WITH NON- MATCHING VALVE OUTLET CONNECTIONS. SUCH PRACTICES ARE POTENTIALLY DANGEROUS.

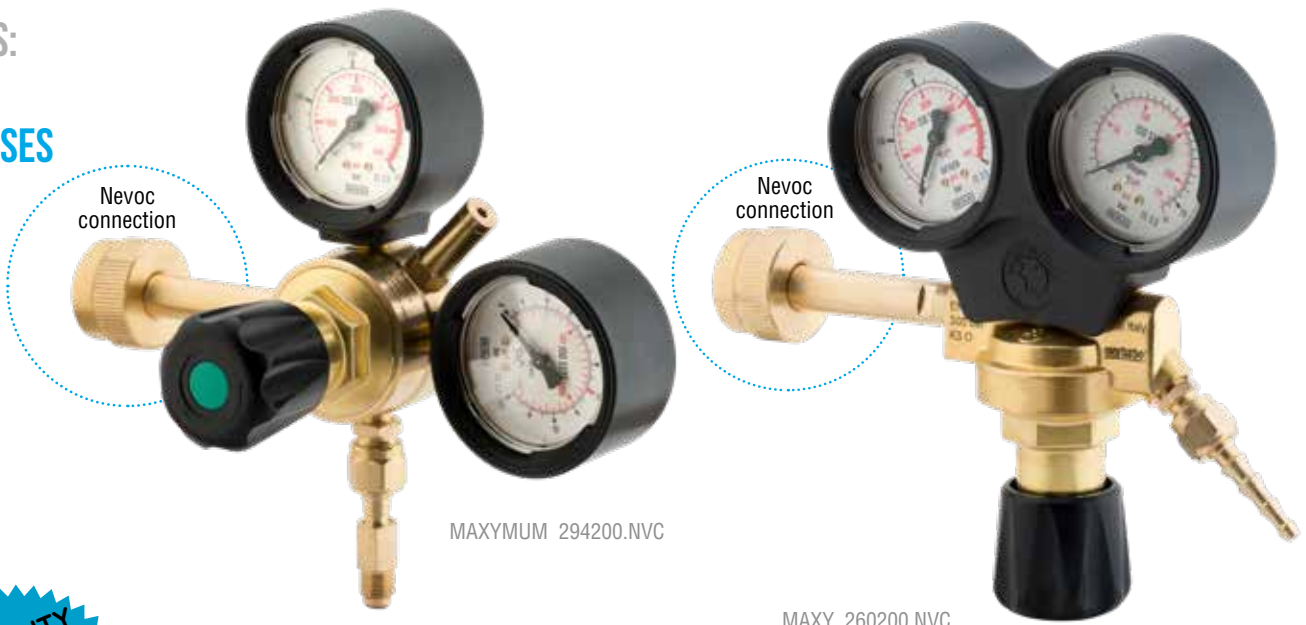
The trend towards increased cylinder filling pressures has led Oxyturbo to the adoption of the new NEVOC cylinder valve connection for industrial applications requiring 300bar pressure. **NEVOC** stands for **New European Valve Outlet Connections**. The NEVOC system was intended to be used to facilitate future harmonisation of gas cylinder valve outlets across Europe. But recently **ISO 5145** has taken over the NEVOC system.

USE

High quality engineering provides for stable regulation over the life of a cylinder, reducing gas consumption, promoting safety and increasing the efficiency of applications.

We can supply models providing outlet pressures from 10 - 200 bar, suitable for all inert gases including Nitrogen, Helium and Argon especially suitable for laser and heavy duty cutting applications.

USED GAS:
OXYGEN
INERT GASES



WARRANTY
3
YEARS

MAXIMUM NEVOC - OUTLET 3/8

P1 Inlet pressure 300 bar - P2 Outlet pressure 60-40-20 bar

GAS	Maximum 60 bar	Maximum 40 bar	Maximum 20 bar
OXYGEN	290200.NVC	290200.40NVC	290200.20NVC
INERT GASES	294200.NVC	294200.40NVC	294200.20NVC

Weight of pressure reducer **1.80 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **53 x 25 x 37.5 cm** - Packaging weight **11 Kg**

MAXY NEVOC - OUTLET 1/4

P1 Inlet pressure 300 bar

GAS	P2= 10 bar with gauge	P2= 32 L/min with gauge	P2= 30 L/min with flow meter
OXYGEN	260200.NVC	-	-
INERT GASES	266200.10NVC	266200.NVC	266400.NVC

Weight of pressure reducer **1.60 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **13 Kg**

MAXY

Always the same quality, now in a refined design.

FEATURES

MAXY reducers are extremely reliable and cost effective, designed and manufactured in strict compliance with EN ISO 2503 to ensure accurate and safe gas use... even at low pressures. They are equipped with an automatic overpressure valve and sintered bronze filter on the integrated capsule inlet. Pressure regulation is extremely straightforward and smooth thanks to a new ergonomic knob.

The particularly well-designed reducer body is made of brass and pickled to withstand oxidation over time.

USE

Ideal for equipping flame welding units and professional machines.

ACCURATE, STRONG, RELIABLE, INDESTRUCTIBLE

Highly reliable with internal components that ensure functionality and ease of use.



MAKE YOUR PRESSURE REDUCER BETTER PROTECT (SEE PAGE 45)

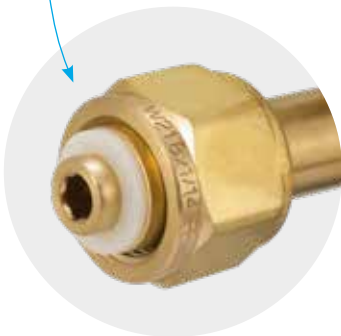


PRESSURE REDUCERS APPROVED UP TO 300 BAR

USED GAS:

- CO₂
- ARGON/MIX
- OXYGEN
- ACETYLENE
- PROPANE
- NITROGEN
- COMPRESSED AIR
- HYDROGEN/METHANE
- HELIUM

All our cylinder attaching nuts bear thread designation.



The label under the knob and the marking on the body indicate gas use. The newly designed knob has been ergonomically improved.





265200.01



266200.03

Designed for use on MIG/MAG/TIG welding machines that require high productivity and sufficient flexibility of use. They are fitted with an automatic overpressure valve and pressure gauges in compliance with ISO 5171. The CO₂ reducers can also be combined with a pre-heater (see page 43) to eliminate the "brine" effect. The argon fitting inserted in some versions allows the use of the CO₂ reducer also with argon or mixture cylinders. If present, the cap gives the pressure gauges further protection from impact.

All mano-flow meters on our Maxy reducers have been upgraded for an adjustable flow up to 32 L/min at 4 bar operating pressure.

K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow >2 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO ₂	G1/4	265200	266201	265200	265200	265209	265200	265200	265205
	G3/8	265250	266251	265250	265250	265259	265250	265250	265255
ARGON	G1/4	266200	266201	266203	265200	266209	266204	265200	266200
	G3/8	266250	266251	266253	265250	266259	266254	265250	266250

Weight of pressure reducer **1.30 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **11.00 Kg**

MAXY WITH FLOW METER

Reducers with fixed calibration flow meter 3.5 bar with 0-30 L/min scale are particularly suitable for work where flow measurement requires greater immediacy and reading precision.



266400

K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 3.5 bar - Q1 standard delivery flow >2 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO ₂	G1/4	265400	266401	265400	265400	265409	265400	265400	265405
ARGON	G1/4	266400	266401	266403	265400	266409	266404	265400	266400

Weight of pressure reducer **1.50 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **9.20 Kg**

MAXY WITH TWO FLOW METERS

Reducers with two flow meters are available for special work requirements. These allow the same reducer to be used with two welding machines, which also work with different distribution.



266800

K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 3.5 bar - Q1 standard delivery flow >2 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO ₂	G1/4	265800	266801	265800	265800	265809	265800	265800	265805
ARGON	G1/4	266800	266801	266803	265800	266809	266804	265800	266800

Weight of pressure reducer **1.70 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **53 x 25 x 37.5 cm** - Packaging weight **10.50 Kg**

ARGON FITTINGS

These fittings also enable use of CO₂ reducers with argon/mixture cylinders.

C5649000



CODE	Description	CO ₂ pressure reducer inlet	Argon cylinder inlet	Weight (kg)	No.Pcs.
C5649000	ARGON FITTING IT	W21.80 RHE	W24.51 RHE	0.16	1
C5649001	ARGON FITTING U.S.A.	W20.91 RHE	W24.51 RHE	0.16	1
C5629000	ARGON FITTING GB	W21.80 RHE	W22.92 RHE	0.15	1
C5639000	ARGON FITTING NL/SE	W21.80 RHE	W24.32 RHI	0.09	1
C5619000	ARGON FITTING NL/SE	W24.32 RHE	W21.80 RHI	0.11	1

A very solid structure for a vertical drive and side attachment, designed and built to ensure accurate and safe gas use. The ergonomic knob allows the user to adjust the flame during the welding operation so that it remains neutral and reducing. These units are particularly suitable for heavy duty cutting in the demolition and steel industry.

MAXY FOR OXYGEN

K pressure reducer class 3 - P1 Inlet pressure 300 bar - P2 Outlet pressure 10 bar - Q1 standard delivery flow 30 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
OXYGEN	G1/4	260200	260201	260203	260203	260203	260200	260203	
	G3/8	260250	260251	260253	260253	260253	260250	260253	
	9/16				260293				260295
	M16X1.5				260283				260285

Weight of pressure reducer **1.45 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **11.80 Kg**



260250

MAXY FOR ACETYLENE

K pressure reducer class 2 - P1 Inlet pressure 25 bar - P2 Outlet pressure <1.5 bar - Q1 standard delivery flow 5 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
ACETYLENE BULLNOSE	G1/4 Lh	261203		261203	261203	261203	261204	261203	
ACETYLENE BULLNOSE	G3/8 Lh	261253		261253	261253	261253	261254	261253	
ACETYLENE YOKE	G1/4 Lh	261200	261201		261200	261209			
ACETYLENE YOKE	G3/8 Lh	261250	261251		261250	261259			
ACETYLENE BULLNOSE	9/16 Lh								261295
ACETYLENE BULLNOSE	M16X1.5 Lh				261283				
ACETYLENE YOKE	M16x1.5 Lh				261280				

WITH YOKE: Weight of p. reducer **1.60 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **13.00 Kg**

WITH BULLNOSE: Weight of p. reducer **1.35 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Pack.Weight **11.00 Kg**



261250



261253

MAXY FOR PROPANE

K pressure reducer class 2 - P1 Inlet pressure 25 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow 5 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
PROPANE	G1/4 Lh	262300	262301	262303	262301	262309	262301	262301	
	G3/8 Lh	262350	262351	262353	262351	262359	262351	262351	
	9/16 Lh								262395
	M16x1.5 Lh				262381				

Weight of pressure reducer **1.20 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **9.80 Kg**



262350

OUR OXYGEN REDUCERS DURING THE APPROVAL STAGES HAVE SUCCESSFULLY PASSED INFLAMMABILITY TESTING REQUIRED BY STANDARD ISO 2503.



264250

Constructed for use with compressed gases up to 300 bar, enabling high differential pressure output. Recommended for tyre servicing, fire extinguisher refilling and arc welding work.

MAXY FOR NITROGEN

K pressure reducer class 3 - P1 Inlet pressure 300 bar - P2 Outlet pressure 10 bar - Q1 standard delivery flow 30 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
NITROGEN	G1/4	264200	264201	264203	264202	264209	264204	264202	
	G3/8	264250	264251	264253	264252	264259	264254	264252	
	9/16								264295
	M16X1.5				264282				

Weight of pressure reducer **1.35 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **11.00 Kg**

MAXY FOR COMPRESSED AIR

K pressure reducer class 3 - P1 Inlet pressure 300 bar - P2 Outlet pressure 10 bar - Q1 standard delivery flow 30 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
COMPRESSED AIR	G1/4	268200	268203	268203		268209	268203	268208	
	G3/8	268250	268253	268253		268259	268253	268258	
	9/16								268295

Weight of pressure reducer **1.45 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **11.80 Kg**

MAXY FOR HYDROGEN/METHANE

K pressure reducer class 3 - P1 Inlet pressure 300 bar - P2 Outlet pressure 10 bar - Q1 standard delivery flow 30 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
HYDROGEN/ METHANE	G1/4 Lh	263200	263201	263203	263201	263201	263201	263201	
	G3/8 Lh	263250	263251	263253	263251	263251	263251	263251	
	9/16 Lh								263295
	M16x1.5 Lh				263281				

Weight of pressure reducer **1.45 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **11.80 Kg**

MAXY FOR HELIUM

K pressure reducer class 3 - P1 Inlet pressure 300 bar - P2 Outlet pressure 10 bar - Q1 standard delivery flow 30 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
HELIUM	G1/4	267200	267201	267203	267202	267209	267204	267202	
	G3/8	267250	267251	267253	267252	267259	267254	267252	
	9/16								267295
	M16x1.5				267282				

Weight of pressure reducer **1.45 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **11.80 Kg**

MAKE YOUR PRESSURE REDUCER BETTER PROTECT WITH THE VARNISHED STEEL CAGE (SEE PAGE 45)



MAXY

POWER CONTROL

Pressure reducers that allow you to perfectly control the flow of gas.

FEATURES

A very solid structure for a vertical drive and side attachment, designed and built to ensure accurate and safe gas use. The extremely well-designed reducer body is made of brass and pickled to withstand oxidation over time.

USE

Ideal for equipping MIG/MAG/TIG and flame welding units where robustness and stability are required.

STABLE DISTRIBUTION

These units are highly valued for their side tap function, which ensures high **distribution stability** and savings on gas used.



WARRANTY
3
YEARS

ALL OUR REDUCERS ARE
TESTED INDIVIDUALLY

USED GAS

CO₂

ARGON/MIX

OXYGEN

ACETYLENE

Our reducers bear a mark indicating the manufacturer's name or brand, reducer class K, the type of supply gas, the production lot number and the maximum inlet pressure.



MAXY POWER CONTROL FOR MIG/MAG/TIG WELDING

APPROVED UP TO **300 BAR**



266500

The control tap intercepts the output gas and allows flow opening, choking and shut off without having to use the main adjusting knob, which can remain adjusted for later use. For more efficient operation, we have inserted a 63mm Ø pressure gauge up to 32 L/min at 4 bar pressure.

K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow >2 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO ₂	G1/4	265500	266501	265500	265500	265509	265500	265500	265505
	G3/8	265550	266551	265550	265550	265559	265550	265550	265555
ARGON	G1/4	266500	266501	266503	265500	266509	266504	265500	266500
	G3/8	266550	266551	266553	265550	266559	266554	265550	266550

Weight of pressure reducer **1.45 Kg** - No.Pcs.**8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **11.80 Kg**

MAXY POWER CONTROL FOR OXY ACETYLENE WELDING

APPROVED UP TO **300 BAR**

MAXY POWER CONTROL FOR OXYGEN

The presence of the control tap in the Power Control version helps to improve the stabiliser as well as Maxy pressure reducer function.

K pressure reducer class 3 - P1 Inlet pressure 300 bar - P2 Outlet pressure 10 bar - Q1 standard delivery flow 30 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
OXYGEN	G1/4	260500	260501	260503	260503	260503	260500	260503	
	G3/8	260550	260551	260553	260553	260553	260550	260553	
	9/16				260593				260595
	M16X1.5				260583				260585

Weight of pressure reducer **1.50 Kg** - No.Pcs.**8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **12.20 Kg**



260550

MAXY POWER CONTROL FOR ACETYLENE

K pressure reducer class 2 - P1 Inlet pressure 25 bar - P2 Outlet pressure <1.5 bar - Q1 standard delivery flow 5 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
ACETYLENE BULLNOSE	G1/4 Lh	261503		261503	261503	261503	261504	261503	
ACETYLENE BULLNOSE	G3/8 Lh	261553		261553	261553	261553	261554	261553	
ACETYLENE YOKE	G1/4 Lh	261500	261501		261500	261509			
ACETYLENE YOKE	G3/8 Lh	261550	261551		261550	261559			
ACETYLENE BULLNOSE	9/16 Lh								261595
ACETYLENE BULLNOSE	M16X1.5 Lh				261583				
ACETYLENE YOKE	M16x1.5 Lh				261580				

WITH YOKE: Weight of p. reducer **1.70 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **13.80 Kg**

WITH BULLNOSE: Weight of p. reducer **1.45 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Pack.Weight **11.80 Kg**



261550



261553

**IDEAL FOR CUTTING WORKS
IN THE DEMOLITION AND STEEL
INDUSTRY SECTOR**

EN ISO 2503



MAXY *smart*

Great Italian quality with a small price.

MAKE YOUR PRESSURE REDUCER
BETTER PROTECT WITH THE VARNISHED
STEEL CAGE (SEE PAGE 45)



A new reducer body design has made it lighter without giving up safety. The cover is manufactured of high resistance polymer and a series of joined components make it extremely cost effective.

INTEGRATED CAPSULE

Equipped with an INTEGRATED CAPSULE device with filter to afford increased reliability and easier maintenance.

The colour of the label under the knob and the marking on the body indicate gas used. The newly designed knob has been ergonomically improved.

USED GAS:

CO₂
ARGON/MIX
OXYGEN
ACETYLENE
PROPANE

WARRANTY
3
YEARS



MAXYSMART FOR MIG/MAG/TIG WELDING

APPROVED UP TO **300 BAR**



245200.03



246200.03

Constructed for use with compressed gases up to 300 bar and especially suitable for use on MIG/ MAG/TIG welding machines. The new body design and cover in high resistance polymer make MaxySmart lighter but equally powerful and safe. Although not essential, we have also used 63 mm diameter 32 L/min at 4 bar pressure gauges for MaxySmart reducers.

These reducers have a double cap and injector L=110 mm.

K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow >2 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO ₂	G1/4	245200	246201	245200	245200	245209	245200	245200	245205
	G3/8	245250	246251	245250	245250	245259	245250	245250	245255
ARGON	G1/4	246200	246201	246203	245200	246209	246204	245200	246200
	G3/8	246250	246251	246253	245250	246259	246254	245250	246250

Weight of pressure reducer **1.25 Kg** - No.Pcs **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **10.20 Kg**

MAXYSMART FOR OXY ACETYLENE AND OXY PROPANE WELDING

APPROVED UP TO **300 BAR**

MAXYSMART FOR OXYGEN

Constructed in accordance with EN ISO 2503, this unit allows easy pressure reading on the pressure gauges and precise regulation of dispensing thanks to the newly designed ergonomic knob. The acetylene version is available with two different types of cylinder attachment depending on user needs: with ring nut or bracket.

These reducers are all supplied with an installed double cap.

K pressure reducer class 3 - P1 Inlet pressure 300 bar - P2 Outlet pressure 10 bar - Q1 standard delivery flow 30 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
OXYGEN	G1/4	240200	240201	240203	240203	240203	240200	240203	
	G3/8	240250	240251	240253	240253	240253	240250	240253	
	9/16				240293				240295
	M16X1.5				240283				240285

Weight of pressure reducer **1.30 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **10.60 Kg**

MAXYSMART FOR ACETYLENE

K pressure reducer class 2 - P1 Inlet pressure 25 bar - P2 Outlet pressure <1.5 bar - Q1 standard delivery flow 5 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
ACETYLENE BULLNOSE	G1/4 Lh	241203		241203	241203	241203	241204	241203	
ACETYLENE BULLNOSE	G3/8 Lh	241253		241253	241253	241253	241254	241253	
ACETYLENE YOKE	G1/4 Lh	241200	241201		241200	241209			
ACETYLENE YOKE	G3/8 Lh	241250	241251		241250	241259			
ACETYLENE BULLNOSE	9/16 Lh								241295
ACETYLENE BULLNOSE	M16X1.5 Lh				241283				
ACETYLENE YOKE	M16x1.5 Lh				241280				

WITH YOKE: Weight of p. reducer **1.55 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **12.40 Kg**

WITH BULLNOSE: Weight of p. reducer **1.35 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Pack. Weight **11.00 Kg**

MAXYSMART FOR PROPANE

K pressure reducer class 2 - P1 Inlet pressure 25 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow 5 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
PROPANE	G1/4 Lh	242300	242301	242303	242301	242309	242301	242301	
	G3/8 Lh	242350	242351	242353	242351	242359	242351	242351	
	9/16 Lh								242395
	M16x1.5 Lh				242381				

Weight of pressure reducer **1.15 Kg** - No.Pcs. **8** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **9.20 Kg**



241250.03



241253.03



242350.03

MAGNUM *smart*

WARRANTY
3
YEARS

Solid, accurate and now with a new design.

63mm diameter pressure gauges for easy pressure reading

The colour of the label on the adjusting knob and the marking on the body indicate gas used.



The cover is made of high resistance polymer
The body is machined directly from brass bar.
The front adjusting knob allows easy pressure regulation and has a new design that improves ergonomics.

USED GAS:
CO₂
ARGON/MIX
OXYGEN
ACETYLENE
PROPANE

MAGNUMSMART FOR MIG/MAG/TIG WELDING

APPROVED UP TO **300 BAR**

Allows stable delivery even at low flow rates and are particularly suitable for long MIG/MAG/TIG welding working cycles. They have a robust brass body obtained directly from a bar. 63mm diameter pressure gauges reduce the overall dimensions, and they have a practical front adjusting knob. The standard version does not include protection on pressure gauges, which can be requested separately.

K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow >2 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO ₂	G1/4	285200MS	286201MS	285200MS	285200MS	285209MS	285200MS	285200MS	285205MS
	G3/8	285250MS	286251MS	285250MS	285250MS	285259MS	285250MS	285250MS	285255MS
ARGON	G1/4	286200MS	286201MS	286203MS	285200MS	286209MS	286204MS	285200MS	286200MS
	G3/8	286250MS	286251MS	286253MS	285250MS	286259MS	286254MS	285250MS	286250MS

Weight of pressure reducer **1.20 Kg** - No.Pcs. **4** - Packaging dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Packaging weight **4.80 Kg**



285200MS

286200MS

These reducers are especially suitable for use on disposable cylinders for oxy fuel welding work. The acetylene version is available with two different types of cylinder attachment depending on different user needs: with ring nut or bracket. The coloured label on the knob identifies the gas used.

MAGNUMSMART FOR OXYGEN

K pressure reducer class 4 - P1 Inlet pressure 300 bar - P2 Outlet pressure 12.5 bar - Q1 standard delivery flow 40 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
OXYGEN	G1/4	280200MS	280201MS	280203MS	280203MS	280203MS	280200MS	280203MS	
	G3/8	280250MS	280251MS	280253MS	280253MS	280253MS	280250MS	280253MS	
	9/16				280293MS				280295MS
	M16X1.5				280283MS				280285MS

Weight of pressure reducer **1.15 Kg** - No.Pcs. 4 - Packaging dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Packaging weight **4.60 Kg**



280250MS

MAGNUMSMART FOR ACETYLENE

K pressure reducer class 2 - P1 Inlet pressure 25 bar - P2 Outlet pressure <1.5 bar - Q1 standard delivery flow 5 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
ACETYLENE BULLNOSE	G1/4 Lh	281203MS		281203MS	281203MS	281203MS	281204MS	281203MS	
ACETYLENE BULLNOSE	G3/8 Lh	281253MS		281253MS	281253MS	281253MS	281254MS	281253MS	
ACETYLENE YOKE	G1/4 Lh	281200MS	281201MS		281200MS	281209MS			
ACETYLENE YOKE	G3/8 Lh	281250MS	281251MS		281250MS	281259MS			
ACETYLENE BULLNOSE	9/16 Lh								281295MS
ACETYLENE BULLNOSE	M16X1.5 Lh				281283MS				
ACETYLENE YOKE	M16x1.5 Lh				281280MS				

WITH YOKE: Weight of p.reducer **1.40 Kg** - No.Pcs.4 - Pack. dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Pack.Weight **5.60 Kg**

WITH BULLNOSE: Weight of p. reducer **1.15 Kg** - No.Pcs.4 - Pack. dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Pack.weight **4.60 Kg**



281250MS



281253MS

MAGNUMSMART FOR PROPANE

K pressure reducer class 1 - P1 Inlet pressure 25 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow 5 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
PROPANE	G1/4 Lh	282300MS	282301MS	282303MS	282301MS	282309MS	282301MS	282301MS	
	G3/8 Lh	282350MS	282351MS	282353MS	282351MS	282359MS	282351MS	282351MS	
	9/16 Lh								282395MS
	M16X1.5 Lh				282381MS				

Weight of pressure reducer **1.10 Kg** - No.Pcs. 6 - Packaging dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Packaging weight **6,80 Kg**



282350MS

K pressure reducer class 4 - P1 Inlet pressure 300 bar - P2 Outlet pressure 12.5 bar - Q1 standard delivery flow 40 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
NITROGEN	G1/4	284200MS	284201MS	284203MS	284202MS	284209MS	284204MS	284202MS	
	G3/8	284250MS	284251MS	284253MS	284252MS	284259MS	284254MS	284252MS	
	9/16								284295MS
	M16X1.5				284282MS				

Weight of pressure reducer **1.30 Kg** - No.Pcs.4 - Packaging dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Packaging weight **5.20 Kg**



284250MS

MAGNUM *smart* REAR SIDE

A new reducer with rear side connection designed for kits with rechargeable cylinders.

WARRANTY
3
YEARS

The new design of the high impact resistance polymer caps makes this reducer robust and durable

The cover is made of high resistance polymer



63mm diameter pressure gauges for easy pressure reading

The body is machined directly from brass bar

The rear connection ensures easy pressure reading on pressure gauges and the front adjusting knob allows for easy adjustment.

USED GAS:
OXYGEN
ACETYLENE
PROPANE

MAGNUMSMART REAR SIDE FOR OXY ACETYLENE AND OXY PROPANE WELDING

APPROVED UP TO **300 BAR**

These reducers are especially suitable for equipping welding kits with rechargeable cylinders. The rear connection enables easy reducer installation and pressure adjustment is facilitated by the front knob.

MAGNUMSMART REAR SIDE FOR OXYGEN

K pressure reducer class 4 - P1 Inlet pressure 300 bar - P2 Outlet pressure 12.5 bar - Q1 standard delivery flow 40 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
OXYGEN	G1/4	280500MS	280501MS	280503MS	280503MS	280503MS	280500MS	280503MS	
	G3/8	280550MS	280551MS	280553MS	280553MS	280553MS	280550MS	280553MS	
	9/16				280593MS				280595MS
	M16X1.5				280583MS				280585MS

Weight of pressure reducer **1.15 Kg** - No.Pcs.**4** - Packaging dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Packaging weight **4.60 Kg**



280550MS

MAGNUMSMART REAR SIDE FOR ACETYLENE

K pressure reducer class 2 - P1 Inlet pressure 25 bar - P2 Outlet pressure <1.5 bar - Q1 standard delivery flow 5 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
ACETYLENE BULLNOSE	G1/4 Lh	281503MS		281503MS	281503MS	281503MS	281504MS	281503MS	
ACETYLENE BULLNOSE	G3/8 Lh	281553MS		281553MS	281553MS	281553MS	281554MS	281553MS	
ACETYLENE YOKE	G1/4 Lh	281500MS	281501MS		281500MS	281509MS			
ACETYLENE YOKE	G3/8 Lh	281550MS	281551MS		281550MS	281559MS			
ACETYLENE BULLNOSE	9/16 Lh								281595MS
ACETYLENE BULLNOSE	M16X1.5 Lh				281583MS				
ACETYLENE YOKE	M16x1.5 Lh				281580MS				

WITH YOKE: Weight of p.reducer **1.40 Kg** - No.Pcs. **4** - Pack. dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Pack.Weight **5.60 Kg**

WITH BULLNOSE: Weight of p. reducer **1.15 Kg** - No.Pcs. **4** - Pack. dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Pack.Weight **4.60 Kg**



281553MS

MAGNUMSMART REAR SIDE FOR PROPANE

K pressure reducer class 1 - P1 Inlet pressure 25 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow 5 m³/h

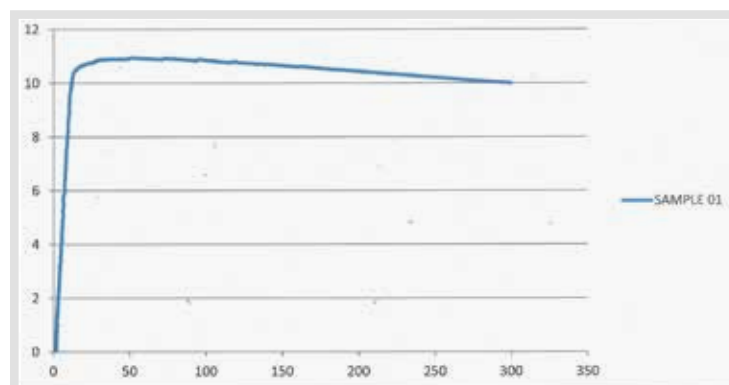
GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
PROPANE	G1/4 Lh	282500MS	282501MS	282503MS	282501MS	282509MS	282501MS	282501MS	
	G3/8 Lh	282550MS	282551MS	282553MS	282551MS	282559MS	282551MS	282551MS	
	9/16 Lh								282595MS
	M16X1.5 Lh				282581MS				

Weight of pressure reducer **1.10 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Packaging weight **6.80 Kg**



282550MS

COEFFICIENT OF IRREGULARITY OF OXYGEN REDUCERS



Our Apragaz approved pressure reducers have been tested in compliance with EN ISO 2503 and a graph of the coefficient of irregularity has been reconstructed for each reducer.

MINI

The first and most valued reducer in the Oxyturbo range, "inspiring" other reducer manufacturers.

Mini is a compact reducer, designed and constructed for MIG/MAG-TIG welding equipment. Thanks to its high reliability and small size, this unit has become a standard for mobile equipment.

The highest performance in the small-sized Mini reducer:

- Safety valve in accordance with standard EN ISO 2503
- High resistance integrated capsule
- Unremovable knob with mechanical support

USE

Suitable for:

- Small mobile flame welding units
- Professional MIG/MAG-TIG welding machines
- Special applications

USED GAS:
CO₂
ARGON/MIX
OXYGEN
ACETYLENE
PROPANE

WARRANTY
3
 YEARS



Indelible marking on each individual reducer body.

Despite their small dimensions, these reducers are tested for an inlet pressure up to 300 bar which makes them the most suitable reducers for use with mobile equipment and for continuous MIG/MAG/TIG welding. The CO₂ and argon versions are provided with an output hose connection. Available in versions with two pressure gauges with only low or high-pressure, or without pressure gauges to fully meet the needs of each end user.

2 GAUGES

255200



K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow >2 m³/h

GAS	GAUGES	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO ₂	H.P. + L.P.	255200	256201	255200	255200	255209	255200	255200	255205
ARGON	H.P. + L.P.	256200	256201	256203	255200	256209	256204	255200	256200

Weight of pressure reducer **0.70 Kg** - No.Pcs.**16** - Packaging dimensions (l x w x h) **41 x 36 x 24 cm** - Packaging weight **11,40 Kg**

H.P. GAUGE

255100



K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow >2 m³/h

GAS	GAUGES	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO ₂	H.P.	255100	256101	255100	255100	255109	255100	255100	255105
ARGON	H.P.	256100	256101	256103	255100	256109	256104	255100	256100

Weight of pressure reducer **0.60 Kg** - No.Pcs.**30** - Packaging dimensions (l x w x h) **41 x 36 x 24 cm** - Packaging weight **18.20 Kg**

L.P. GAUGE

256300



K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow >2 m³/h

GAS	GAUGES	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO ₂	L.P.	255300	256301	255300	255300	255309	255300	255300	255305
ARGON	L.P.	256300	256301	256303	255300	256309	256304	255300	256300

Weight of pressure reducer **0.60 Kg** - No.Pcs.**30** - Packaging dimensions (l x w x h) **41 x 36 x 24 cm** - Packaging weight **18.20 Kg**

NO GAUGES

256000



K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow >2 m³/h

GAS	GAUGES	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO ₂	NO GAUGES	255000	256001	255000	255000	255009	255000	255000	255005
ARGON	NO GAUGES	256000	256001	256003	255000	256009	256004	255000	256000

Weight of pressure reducer **0.50 Kg** - No.Pcs.**50** - Packaging dimensions (l x w x h) **46 x 29.5 x 26 cm** - Packaging weight **25.00 Kg**

MINI FOR OXY ACETYLENE AND OXY PROPANE WELDING

The rear connection, with its small size and front adjusting knob make these reducers highly used in oxy acetylene and oxy propane welding kits. Units are supplied with black pressure gauge protective caps and the gas used is identified by the label on the adjusting knob.

250250



MINI FOR OXYGEN

K pressure reducer class 1 - P1 Inlet pressure 300 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow 5 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
OXYGEN	G1/4	250200	250201	250203	250203	250203	250200	250203	
	G3/8	250250	250251	250253	250253	250253	250250	250253	
	9/16				250293				250295
	M16X1.5				250283				250285

Weight of pressure reducer **0.80 Kg** - No.Pcs.**16** - Packaging dimensions (l x w x h) **41 x 36 x 24 cm** - Packaging weight **13,00 Kg**

MINI FOR ACETYLENE

K pressure reducer class 1 - P1 Inlet pressure 25 bar - P2 Outlet pressure <0,8 bar - Q1 standard delivery flow > 1 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
ACETYLENE BULLNOSE	G1/4 LH	251203		251203	251203	251203	251204	251203	
ACETYLENE BULLNOSE	G3/8 LH	251253		251253	251253	251253	251254	251253	
ACETYLENE YOKE	G1/4 LH	251200	251201		251200	251209			
ACETYLENE YOKE	G3/8 LH	251250	251251		251250	251259			
ACETYLENE BULLNOSE	9/16 LH								251295
ACETYLENE BULLNOSE	M16X1.5 LH				251283				
ACETYLENE YOKE	M16X1.5 LH				251280				

WITH YOKE: Weight of p. reducer **1.10 Kg** - No.Pcs.**6** - Pack. dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Pack.Weight **6.80 Kg**

WITH BULLNOSE: Weight of p. reducer **0.85 Kg** - No.Pcs.**16** - Pack. dimensions (l x w x h) **41 x 36 x 24 cm** - Pack.Weight **13,80 Kg**

251250



251253



MINI FOR PROPANE

K pressure reducer class 0 - P1 Inlet pressure 25 bar - P2 Outlet pressure 1.5 bar - Q1 standard delivery flow > 1 m³/h

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
PROPANE	G1/4 LH	252300	252301	252303	252301	252309	252301	252301	
	G3/8 LH	252350	252351	252353	252351	252359	252351	252351	
	9/16 LH								252395
	M16X1.5 LH				252381				

Weight of pressure reducer **0.65 Kg** - No.Pcs. **30** - Packaging dimensions (l x w x h) **41 x 36 x 24 cm** - Packaging weight **19.70 Kg**

252350



PRESSURE REDUCERS FOR DISPOSABLE CYLINDERS

Oxyturbo also produces pressure reducers used for industrial gases in disposable cylinders. Cylinder attachment is derived and integrated directly into the body of the reducer. A pin permits opening of the cylinder and a gasket guarantees the seal of its valve.

All our reducers are constructed in compliance with standard EN ISO 2503 which requires:

- Safety valve
- Obligatory marking
- Gauges according to the standard
- Unremovable pressure adjusting knob

Failure to comply with only of the mentioned conditions indicates that the pressure reducer shall no more be in compliance with the standard.

**ALL OUR PRESSURE
REDUCERS ARE TESTED
INDIVIDUALLY TO ENSURE
USER SAFETY**

MIGNON

Small reducers with high performance for CO₂ / Argon / Mix / Nitrogen



WARRANTY
3
YEARS

Even the small size of these reducers still manage to offer high performance:

- Safety valve in accordance with standard EN ISO 2503
- High resistance integrated capsule with mechanical lock
- Unremovable pressure adjusting knob
- Mechanical locking system on cylinder to preserve OR sealing

Reliable and safe, equipped with overpressure exhaust device and high and/or low pressure 40 diameter pressure gauges.

USE

Reducers built for intermediate pressure with disposable cylinders for MIG/MAG welding machines.

SMALL BUT EFFICIENT

Their size allows them to be widely used in small spaces without affecting their efficiency.

MIGNON FOR DISPOSABLE CYLINDERS

MIGNON FOR MIG/MAG WELDING

K pressure reducer class 1 - P1 Inlet pressure 150 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow < 1 m³/h

CODE	Description	Connection	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
225200	MIGNON CO ₂ /ARGON/MIX 2 gauges	M10X1RH	0.50	30	41 x 36 x 24	15.20
225300	MIGNON CO ₂ /ARGON/MIX L.P. gauge	M10X1RH	0.45	30	41 x 36 x 24	13.70
225100	MIGNON CO ₂ /ARGON/MIX H.P. gauge	M10X1RH	0.45	30	41 x 36 x 24	13.70
225000	MIGNON CO ₂ /ARGON/MIX NO gauges	M10X1RH	0.35	50	46 x 29.5 x 26	17.70

225200



225300



225000



MIGNON NITROGEN FOR SPECIAL APPLICATIONS

K pressure reducer class 1 - P1 Inlet pressure 150 bar - P2 Outlet pressure 10 bar - Q1 standard delivery flow < 1 m³/h

CODE	Description	Connection	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
324280	MIGNON NITROGEN 2 gauges	M10X1RH	0.50	16	41 x 36 x 24	15.20
324380	MIGNON NITROGEN L.P. gauge	M10X1RH	0.45	30	41 x 36 x 24	13.70
324180	MIGNON NITROGEN H.P. gauge	M10X1RH	0.45	30	41 x 36 x 24	13.70
324080	MIGNON NITROGEN NO gauges	M10X1RH	0.35	50	46 x 29.5 x 26	17.70

EN ISO 2503

MICRO

Small vertical drive reducers ideal for "do-it-yourself" works



WARRANTY
3
YEARS

Extremely small, these units enable delivery control via low pressure gauge.

USE

Ideal for disposable cylinders for small MIG welding machines.

EASY AND PRACTICAL

Easy to use and small in size for fast installation and practical use.

MICRO FOR TIG WELDING



K pressure reducer class 1 - P1 Inlet pressure 130 bar - P2 Outlet pressure 4 bar - Q1 standard delivery flow < 1 m³/h

CODE	Description	Connection	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
215300	Micro Co ₂ /Argon/Mix L.p. Gauge	M10X1RH	0.25	50	46 x 29.5 x 26	12.70
215000	Micro Co ₂ /Argon/Mix No Gauges	M10X1RH	0.17	60	35 x 19 x 17	10.40

DISPOSABLE BOTTLES



485300 485600 486301 486400



486351 486451 484300 484400

CODE	Description	Outlet	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
485300	CO ₂ Cylinder 390g 950cc	M10X1	1.60	12	32 x 26 x 34	19.40
485600	CO ₂ Cylinder 2,2 L 1200g with foot stand	M10X1	4.00	4	24 x 24 x 40	16.60
486301	ARGON Cylinder 110bar 950cc	M10X1	1.35	12	32 x 26 x 34	16.40
486400	ARGON EXTERNAL 110bar 2,2 L with foot stand	M10X1	3.20	4	24 x 24 x 40	13.00
486351	MIX Cylinder 110bar 950cc	M10X1	1.35	12	32 x 26 x 34	16.40
486451	MIX Cylinder 110bar 2,2 L with foot stand	M10X1	3.20	4	24 x 24 x 40	13.30
484300	Nitrogen cylinder 1 L 110 bar	M10X1	1.30	12	32 X 24 X 34	15.80
484400	Nitrogen cylinder 2,2 L with foot stand - 110 bar	M10X1	4.00	4	24 X 24 X 40	16.20

FITTINGS AND ACCESSORIES

NUTS AND HOSE CONNECTIONS

Carefully and expertly machined. Normally provided as standard on our pressure reducers.



CODE	Description	Weight (kg)	No.Pcs.
490480	1/4	0.03	1
490430	1/4 LH	0.03	1
490380	3/8	0.04	1
490330	3/8 LH	0.04	1
490580	M16X1.5	0.04	1
490530	M16X1.5 LH	0.04	1
490650	9/16 - 18UNF	0.04	1
490630	9/16 - 18UNF LH	0.04	1
490385	KIT FITTINGS POOL 3/8" - 1/4 SAE - 5/16 SAE	0.07	1



PRE-HEATER

Allows for elimination of the "brine" effect on CO₂ reducers. CE approved. Minimum current consumption.

CODE	Description	Weight (kg)	No.Pcs.
299705	220 VOLT - 25 W	1.60	1
299705.DE	220 VOLT - 25 W with SCHUKO	1.70	1
299706	230 VOLT - 75 W	0.85	1



FLOWMETER

Provides high reading accuracy of the operating pressure indicated on the internal scale (3.5 bar). The inner ball is easily visible and immediate reading is provided thanks to the presence of the two-colour silk-screen column (black writing on a white background).

CODE	Description	Weight (kg)	No.Pcs.
290300	Flowmeter	0.26	1

INJECTOR GASKETS

Sealing gaskets for reducer connection to cylinders. They differ based on the gas with which they will be used.



CODE	Description	Weight (kg)	No.Pcs.
D0932002	Gasket for nitrogen injector 19x8.2x3.2 in Teflon	0.08	1
D0932004	Gasket for CO ₂ /Argon/O ₂ /C ₂ H ₂ injector 18.5x11.5x2 in natural polyamide	0.04	1
D0913000	Gasket for propane/hydrogen injector 16.9x10.3x2 in NBR	0.03	1

FLOWMETER FOR TORCH

0-30 L/min

A torch insertion shape has been designed to allow reading on the column up to 30 L/min.



CODE	Description	Weight (kg)	No.Pcs.
260090	Flowmeter for torch	0.033	1

GAUGES

OXYGEN HIGH PRESSURE

CODE	Description	Pressure	Ø mm	Connection	Range	Red mark
Q6030510I	MAXY	HIGH	63	G1/4-R	0-400	300
Q6030511I	MAXY SMART	HIGH	63	G1/4-R	0-400	300
Q6030511I	MAGNUM SMART	HIGH	63	G1/4-R	0-400	300
Q6030511I	MAGNUM SMART RS	HIGH	63	G1/4-R	0-400	300
Q6030510I	MAXYMUM	HIGH	63	G1/4-R	0-400	300
Q5000101I	MINI	HIGH	50	G1/8-R	0-315	230

OXYGEN LOW PRESSURE

Q6160501I	MAXY	LOW	63	G1/4-R	0-16	10
Q6160503I	MAXY SMART	LOW	63	G1/4-R	0-16	10
Q6160503I	MAGNUM SMART	LOW	63	G1/4-R	0-16	10
Q6160503I	MAGNUM SMART RS	LOW	63	G1/4-R	0-16	10
Q6140500I	MAXYMUM	LOW	63	G1/4-R	0-160	100
Q6170500I	MAXYMUM	LOW	63	G1/4-R	0-100	60
Q6600500I	MAXYMUM	LOW	63	G1/4-R	0-60	46
Q6400504I	MAXYMUM	LOW	63	G1/4-R	0-40	25
Q6161500I	GAS POINT	LOW	63	G1/4-P	0-16	10
Q6171500I	GAS POINT LASER	LOW	63	G1/4-P	0-100	60
Q5060101I	MINI	LOW	50	G1/8-R	0-6	4

ACETYLENE HIGH PRESSURE

Q6400501I	MAXY	HIGH	63	G1/4-R	0-40	26
Q6400503I	MAGNUM SMART	HIGH	63	G1/4-R	0-40	26
Q6400503I	MAGNUM SMART RS	HIGH	63	G1/4-R	0-40	26
Q6400503I	MAXY SMART	HIGH	63	G1/4-R	0-40	26
Q5400100I	MINI	HIGH	50	G1/8-R	0-40	25

ACETYLENE LOW PRESSURE

Q6420501I	MAXY	LOW	63	G1/4-R	0-2,5	1.5
Q6420503I	MAGNUM SMART	LOW	63	G1/4-R	0-2,5	1.5
Q6420503I	MAGNUM SMART RS	LOW	63	G1/4-R	0-2,5	1.5
Q6420503I	MAXY SMART	LOW	63	G1/4-R	0-2,5	1.5
Q6421500I	GAS POINT	LOW	63	G1/4-P	0-2,5	1.5
Q5420100I	MINI	LOW	50	G1/8-R	0-2,5	1,8

PROPANE LOW PRESSURE

Q6060501I	MAXY	LOW	63	G1/4-R	0-6	4
Q6060501I	MAGNUM RS	LOW	63	G1/4-R	0-6	4
Q6060501I	MAGNUM SMART	LOW	63	G1/4-R	0-6	4
Q6060501I	MAGNUM SMART RS	LOW	63	G1/4-R	0-6	4
Q6061500I	GAS POINT	LOW	63	G1/4-P	0-6	4
Q5420100I	MINI	LOW	50	G1/8-R	0-2,5	1,8

NITROGEN HIGH PRESSURE

Q6030500I	MAXY	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAGNUM RS	HIGH	63	G1/4-R	0-400	300
Q6030502I	MAGNUM SMART	HIGH	63	G1/4-R	0-400	300
Q6030502I	MAGNUM SMART RS	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAXY PLUS	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAXYMUM	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAJOR HP	HIGH	63	G1/4-R	0-400	300
Q6030500I	MEGA HP	HIGH	63	G1/4-R	0-400	300
Q5000101I	MIGNON	HIGH	50	G1/8-R	0-315	230

NITROGEN LOW PRESSURE

Q6160502I	MAXY	LOW	63	G1/4-R	0-16	10
Q6160502I	MAGNUM RS	LOW	63	G1/4-R	0-16	10
Q6160502I	MAGNUM SMART	LOW	63	G1/4-R	0-16	10
Q6160502I	MAGNUM SMART RS	LOW	63	G1/4-R	0-16	10
Q6400504I	MAXY PLUS	LOW	63	G1/4-R	0-40	25
Q6140500I	MAXYMUM	LOW	63	G1/4-R	0-160	100
Q6170500I	MAXYMUM	LOW	63	G1/4-R	0-100	60
Q6600500I	MAXYMUM	LOW	63	G1/4-R	0-60	46
Q6400504I	MAXYMUM	LOW	63	G1/4-R	0-40	25
Q6170500I	MAJOR HP	LOW	63	G1/4-R	0-100	60
Q6521500I	GAS POINT	LOW	63	G1/4-P	0-6	32 L/min=4bar
Q6171500I	GAS POINT LASER	LOW	63	G1/4-P	0-100	60
Q5160501I	MIGNON	LOW	50	G1/8-R	0-16	10



CO₂ / ARGON HIGH PRESSURE

CODE	Description	Pressure	Ø mm	Connection*	Range	Red mark
Q6030500I	MAXY	HIGH	63	G1/4-R	0-400	300
Q6030502I	MAXY SMART	HIGH	63	G1/4-R	0-400	300
Q6030502I	MAGNUM SMART	HIGH	63	G1/4-R	0-400	300
Q6030502I	MAGNUM SMART RS	HIGH	63	G1/4-R	0-400	300
Q5000101I	MINI	HIGH	50	G1/8-R	0-315	230
Q4020100I	MIGNON	HIGH	40	G1/8-R	0-315	230

CO₂ / ARGON LOW PRESSURE

Q6520503I	MAXY	LOW	63	G1/4-R	0-6	32 L/min=4 bar
Q6520505I	MAXY SMART	LOW	63	G1/4-R	0-6	32 L/min=4 bar
Q6520505I	MAGNUM SMART	LOW	63	G1/4-R	0-6	32 L/min=4 bar
Q6520505I	MAGNUM SMART RS	LOW	63	G1/4-R	0-6	32 L/min=4 bar
Q6521500I	GAS POINT	LOW	63	G1/4-RS	0-6	32 L/min=4bar
Q6061500I	GAS POINT CON FLUSSOMETRI	LOW	63	G1/4-RS	0-6	4
Q5520102I	MINI	LOW	50	G1/8-R	0-6	12 L/min=4 bar
Q4520100I	MIGNON	LOW	40	G1/8-R	0-6	6 L/min=4 bar
Q4520100I	MICRO	LOW	40	G1/8-R	0-6	6 L/min=4 bar

HELIUM/HYDROGEN/COMPRESSED AIR HIGH PRESSURE

Q6030500I	MAXY	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAXY LIFT	HIGH	63	G1/4-R	0-400	300
Q4020100I	MINIMUMFLY	HIGH	40	G1/8-R	0-315	230

HELIUM/HYDROGEN/COMPRESSED AIR LOW PRESSURE

Q6160502I	MAXY	LOW	63	G1/4-R	0-16	10
Q6160510I	MAXY LIFT	LOW	63	G1/4-R	0-20	12,5
Q6161500I	GAS POINT	LOW	63	G1/4-RS	0-16	10

AZOIDRO HIGH PRESSURE

Q6030500I	MAJOR HP	HIGH	63	G1/4-R	0-400	300
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AZOIDRO LOW PRESSURE

Q6170500I	MAJOR HP	LOW	63	G1/4-R	0-100	60
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*R= radial connection

*RS= rear connection

Oxyturbo reserves the right to deliver available gauges, ensuring their proper operation.

GAUGES GASKET



CODE	Description	Weight (kg)	No.Pcs.
D0943001	Gasket for G1/8 gauges	0.08	100

GAUGES PROTECTIONS



CODE	Description	Weight (kg)	No.Pcs.
Q0060302	Black smooth cap ø 63mm	0.03	1
Q0070300	Double cap ø 63 mm for Maxy and MaxySmart	0.14	1
Q0050302	Black smooth cap ø 50mm	0.026	1

GAUGES CAGE

Only for Maxy and Maxysmart.



CODE	Description	Weight (kg)	No.Pcs.
198890	Gauges cage in black varnished steel	0.7	1





FLAME WELDING

Oxyturbo offers a wide range of products for oxy propane and oxy acetylene flame welding equipment. These complete and easy-to-use systems are characterised by the availability of high-capacity cylinders for long and practical operation. The Oxyturbo flame welding solutions include various size and type items (welding and cutting torches, numerous tips and accessories) all designed to aid professional operators in optimising their work and results.

Especially popular are the MINI and MAXI kit versions which make welding work even easier and more straight forward.

The company quality system has been certified EN ISO 9001 since 1996-certificate No. IT96/0040. Oxyturbo also uses a traceability system that allows you to know the life of the product which helps to ensure its manufacturing history is easy to see and document.

SAFE OPERATION

PERIODIC MAINTENANCE OF EQUIPMENT

UNI 11627 is the UNI reference standard for the periodic maintenance and checking of manual gas welding and cutting equipment. It covers the related techniques connected downstream of the cylinder valve or, in the case of centralised distribution, of mobile equipment downstream of the point of use. This standard describes the methods and frequency of verifications by the type of product, which integrate but do not replace the requirements that the manufacturer highlights in the use and maintenance manual related to their individual products.

EQUIPMENT	VISUAL INSPECTION - VERIFICATION SEAL TESTING			FREQUENCY OF COMPLETE OVERHAUL OR REPLACEMENT (1)
	EACH TIME THE CYLINDER IS REPLACED OR COMPONENTS ARE CONNECTED	EACH TIME EQUIPMENT IS USED	ANNUALLY	
General, common to all equipment (1)	Follow manufacturer instructions. Always include: Visual inspection to determine the appropriateness of equipment for the intended use (for example: the type of gas, pressure, flow rate), absence of damage, absence of grease or oily residue (<i>see below for details for each specific piece of equipment</i>)	Visual inspection to determine the appropriateness of equipment for the intended use (for example: the type of gas, pressure, flow rate), absence of damage, absence of grease or oily residue (<i>see below for details for each specific piece of equipment</i>)	Includes verifications required each time cylinders are replaced or any components are connected. Specific checks are required for each type of equipment connected. (see below): (<i>This check can be made more frequently depending on the conditions of use</i>)	This check can be made more frequently depending on the conditions of use
Flexible hoses (2)	<ul style="list-style-type: none"> • Check the colours of hoses according to the type of gas. Visual inspection to ensure the proper conditions and integrity of hoses (i.e. no shrinkage, cracking, abrasion, etc.) Hose and junction seal to be tested at operating pressure	<ul style="list-style-type: none"> • Visual inspection to ensure the proper condition and integrity of hoses (i.e. no shrinkage, cracking, abrasion, etc) 	<ul style="list-style-type: none"> • Visual inspection on bent hoses to determine the absence of tears, bulges, damage and cracks. • Hose seal test at maximum operating pressure 	Replacement: <ul style="list-style-type: none"> • If the visual inspection has detected damage. Or replace every 3 years after commissioning for heavy duty applications (for example at construction sites). <ul style="list-style-type: none"> • Maximum every 5 years after commissioning in other cases
Safety valves with flashback arrestor and gas return restrictor	Verification: <ul style="list-style-type: none"> • Ensure presence of correct number and instruction of installation. • The colours and marking are correct according to the type of gas • Junction seal testing at operating pressure 	<ul style="list-style-type: none"> • Junction seal To be tested at service pressure 	<ul style="list-style-type: none"> • Visual Inspection and seal check outwards at maximum service pressures • Gas return restrictor seal check both at minimum and maximum operating pressures 	<ul style="list-style-type: none"> • Replacement: to be evaluated in case of flashback, or within a maximum of every 5 years after commissioning, depending on the nature of use
Torches	<ul style="list-style-type: none"> • Visual inspection of the conditions of tips, particularly on sealing surfaces. • Junction seal testing at operating pressure. 	<ul style="list-style-type: none"> • Visual inspection of the conditions of tips. • Junction seal testing. 	<ul style="list-style-type: none"> • Complete visual inspection • General external seal testing • Sealing of individual valves (internal) 	<ul style="list-style-type: none"> • Overhaul or replace within a maximum 5 years from the date of commissioning

Nota:

1) Contact your local supplier regarding safety data for the gas and materials used.

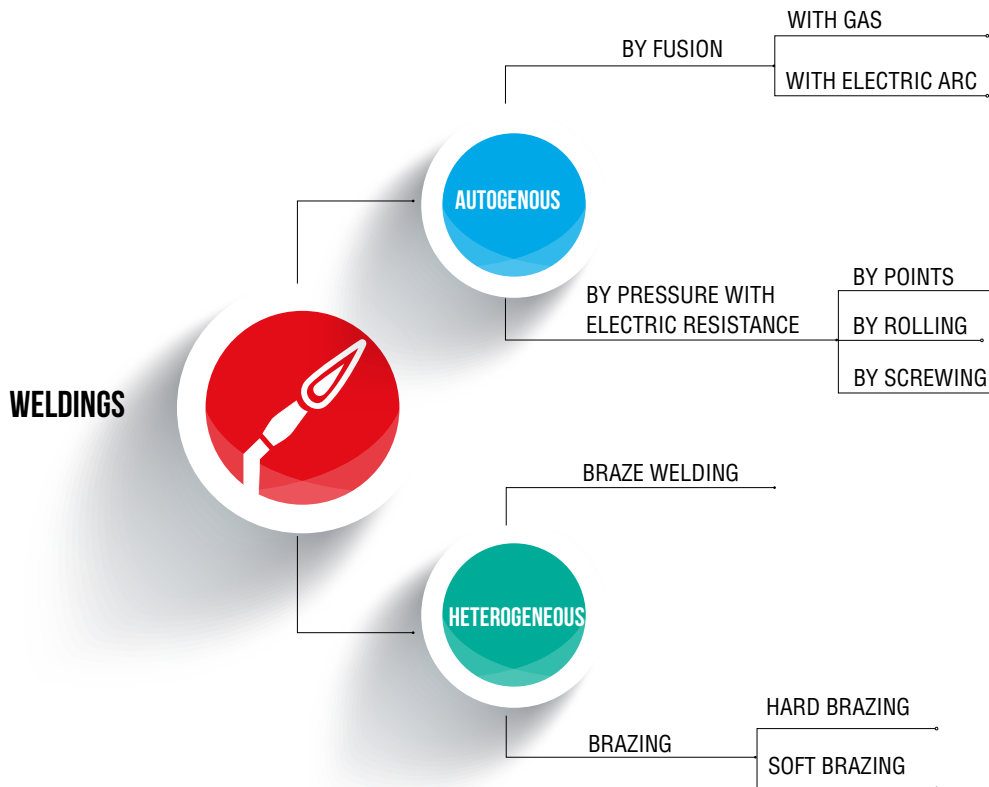
2) Please note that the date indicated on the hose is that of manufacture (UNI EN ISO 3821) and not the expiration date as is the case for gas pipes intended for other applications.

It is extremely important to follow these tips and treat your equipment carefully.

All manufacturers try to produce safe materials, however a small loss of concentration by the operator during their use can have serious consequences. It is also advisable to apply safety valves on reducers to provide greater safety during daily work.

WELDING

A process used to permanently join two hot metals. It uses the flame obtained by the combustion of a gas with oxygen, with or without a filler metal as a source of heat. Gases used as fuel must have: high flame temperature, high thermal content and flame adjustment stability.



AUTOGENOUS WELDING

Is a technique that allows the connection of two metals of the same material using fusion with or without a filler metal. It includes all systems where the base metal is involved in forming the welded joint. It enables great mechanical strength and can be used for small thicknesses on sheet metal and iron pipes but depends on the physical state in which the pieces are found at the time of their union.

FUSION WELDING: A generic term for welding processes that rely upon melting to join materials of similar compositions and melting points. Gas or arc welding is determined depending on how the required heat is produced to fuse the metal.

PRESSURE WELDING: When pieces are not connected in a molten state, but when they are in a 'plastic-type' condition. This state is generally achieved by the Joule effect of passing an electric current.



HETEROGENEOUS WELDING:

Where an additional foreign metal or alloy is introduced, the melting point of which is below that of the metals to be welded.

BRAZE WELDING: The connection technique that is performed in degrees with a filler metal with a melting point lower than that of the metal itself. This type of welding allows joining of most types of metals, creating a very durable joint particularly suitable for repairs in bodywork and ironmongery.

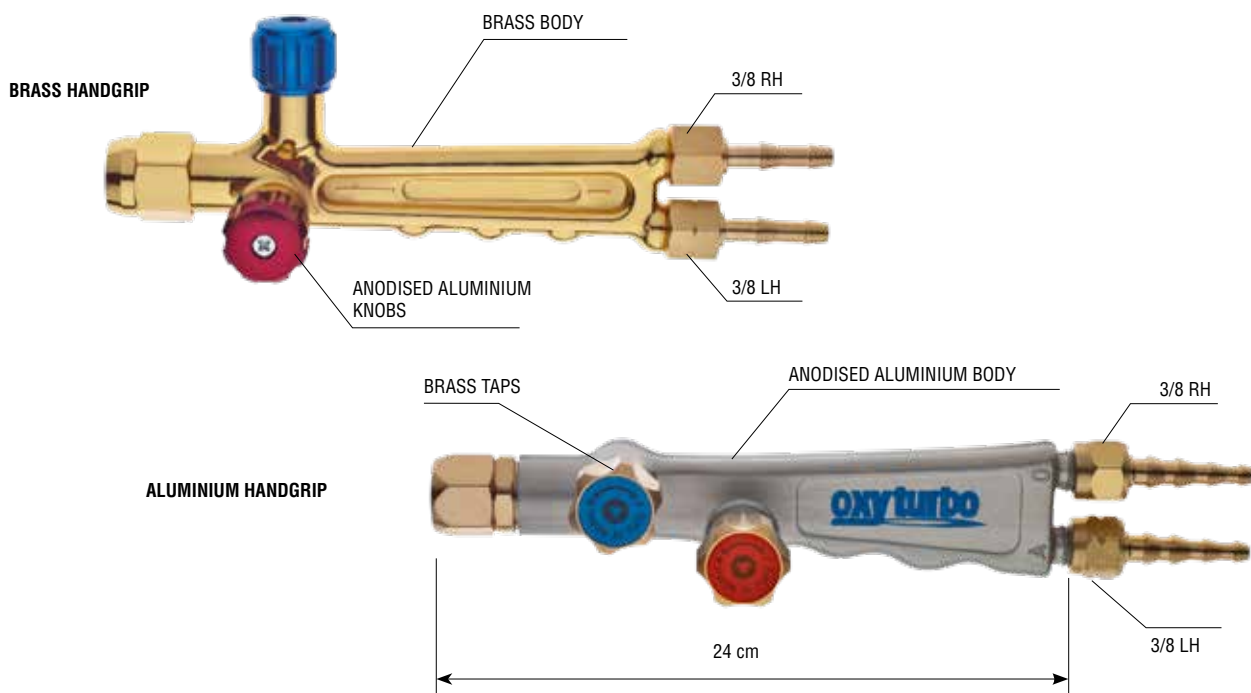
BRAZING: A bonding technique that is carried out by means of by capillary action, placing the base metal so that there is a minimum space between the parts. The base metal is heated to a temperature lower than that of its own melting point, but higher than the melting point of the filler metal which, with a gas flame, is dropped between the surfaces, moving closer to be able to penetrate by capillary action. The different types are:

- Hard brazing (melting > 400°C)
- Soft brazing (melting < 400°C)

The choice of one welding process with respect to another depends on many factors and must be made considered i.e. **the type of alloy to be welded, the thickness of the parts, the weld position, the type of production (in series or not), and the equipment available in the workshop.**

WELDING MAXI

A range complete with handgrips, lances and nozzles for welding up to 12.5 mm and cutting up to 300 mm.



MAXI HANDGRIPS FOR WELDING AND CUTTING

Oxyturbo offers two maxi handgrips: one in robust and long-lasting brass, the other in anodised lightweight and easy-to-handle aluminium. These handgrips have been designed with a meticulous attention to detail, are easily adjustable and provided with extra-fine threaded taps which are equipped with a coloured sticker for immediate identification of gas even during use. All handles have been tested individually with an electronic digital check.

CODE	Description	Connection	Outlet	Weight (kg)	No. Pcs.
150550	BRASS HANDGRIP	M 22X1.25	3/8"RH-3/8"LH	0.70	1
150500	ALUMINIUM HANDGRIP	M 22X1.25	3/8"RH-3/8"LH	0.65	1



All lances are APRAGAZ approved and have been tested individually in operating pressure with a lit flame. All constructive components are also separately marked to ensure greater safety during coupling.

ACETYLENE WELDING LANCES

To be used on our MAXI handgrips for welding from 0.4 to 12.5 mm. Lances are supplied with nozzle.



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
156101	LANCE 40 L/H	0.4	0.16	1
156102	LANCE 80 L/H	0.8	0.16	1
156103	LANCE 160 L/H	1.6	0.17	1
156104	LANCE 225 L/H	2.2	0.17	1
156105	LANCE 315 L/H	3.0	0.17	1
156106	LANCE 500 L/H	5.0	0.20	1
156107	LANCE 800 L/H	8.0	0.20	1
156108	LANCE 1250 L/H	12.5	0.22	1

ACETYLENE WELDING NOZZLES

CAUTION: sizes printed on nozzles and lances must match. **Do not install different size nozzles from the original size on lances.**



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
157101	NOZZLE 40 L/H	0.4	0.04	1
157102	NOZZLE 80 L/H	0.8	0.04	1
157103	NOZZLE 160 L/H	1.6	0.04	1
157104	NOZZLE 225 L/H	2.2	0.04	1
157105	NOZZLE 315 L/H	3.0	0.04	1
157106	NOZZLE 500 L/H	5.0	0.05	1
157107	NOZZLE 800 L/H	8.0	0.05	1
157108	NOZZLE 1250 L/H	12.5	0.05	1

ACETYLENE BENDABLE LANCES

These lances are particularly useful for thermo-hydraulic works and are ideal for welding in special positions. Complete with brass mixer and special copper tubing with hammered ends.



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
156203	LANCE 160 L/H	1.6	0.13	1
156204	LANCE 225 L/H	2.2	0.13	1
156205	LANCE 315 L/H	3.0	0.13	1
156206	LANCE 500 L/H	5.0	0.13	1



ASP CUTTING LANCES

These cutting lances with suction mixing guarantee the highest cutting quality. When gas is mixed in the handgrip, the lance is already ready and the gun is "fired" directly on the piece. They use AC and NX nozzles.



CODE	Description	Weight (kg)	No.Pcs.
156600	ACETYLENE	0.64	1
156650	PROPANE	0.66	1

AC AND NX ASP CUTTING NOZZLES

Nozzles should be selected based on cutting thickness and on the gas to be used. AC nozzles are to be used with acetylene, while NX nozzles are used for cutting with propane. They are both two-piece, flat housing nozzles with brass interiors and nickel-plated copper exteriors. Cutting thickness is marked directly on the nozzle and are indicative.



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
157600	AC ACETYLENE	5-10	0.06	1
157601	AC ACETYLENE	10-15	0.06	1
157602	AC ACETYLENE	15-25	0.06	1
157603	AC ACETYLENE	25-50	0.06	1
157604	AC ACETYLENE	50-100	0.06	1
157605	AC ACETYLENE	100-175	0.06	1
157606	AC ACETYLENE	175-250	0.06	1
157607	AC ACETYLENE	250-300	0.06	1

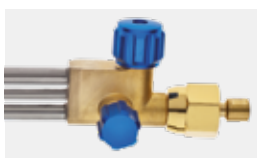


CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
157650	NX PROPANE	5-10	0.06	1
157651	NX PROPANE	10-15	0.06	1
157652	NX PROPANE	15-25	0.06	1
157653	NX PROPANE	25-50	0.06	1
157654	NX PROPANE	50-75	0.06	1
157655	NX PROPANE	75-150	0.06	1
157656	NX PROPANE	150-200	0.06	1
157657	NX PROPANE	200-300	0.06	1

MIX CUTTING LANCES



156500



They are built in two versions: with tap and with a lever. They are the most cost-effective solution for cutting small and medium-thickness metals. Mixing takes place in the cutting head for greater work safety. The mixing system reduces the path of already mixed gases practically to zero, reducing the danger of flame back flow to minimum. They use ANME and PNME nozzles.

CODE	Description	Weight (kg)	No.Pcs.
156510	CUTTING LANCE WITH LEVER	0.7	1
156500	CUTTING LANCE WITH TAP	0.7	1

ANME AND PNME MIX CUTTING NOZZLES

Nozzles should be selected based on cutting thickness and on the gas to be used. ANME nozzles are single block self-mixing copper-coated nozzles to be used for cutting with acetylene. PNME nozzles are two-piece self-mixing nozzles with brass interior and copper exterior, to be used on cutting with propane. Cutting thickness is marked directly on the nozzle and are indicative.



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
157500	ANME ACETYLENE	6-10	0.1	1
157501	ANME ACETYLENE	10-13	0.1	1
157502	ANME ACETYLENE	13-25	0.1	1
157503	ANME ACETYLENE	25-38	0.1	1
157504	ANME ACETYLENE	38-50	0.1	1
157505	ANME ACETYLENE	50-75	0.1	1
157506	ANME ACETYLENE	75-125	0.1	1
157507	ANME ACETYLENE	125-200	0.1	1
157508	ANME ACETYLENE	200-300	0.1	1



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
157550	PNME PROPANE	6-10	0.1	1
157551	PNME PROPANE	10-13	0.1	1
157552	PNME PROPANE	13-25	0.1	1
157553	PNME PROPANE	25-38	0.1	1
157554	PNME PROPANE	38-50	0.1	1
157555	PNME PROPANE	50-75	0.1	1
157556	PNME PROPANE	75-125	0.1	1
157557	PNME PROPANE	125-200	0.1	1
157558	PNME PROPANE	200-300	0.1	1

HEATING LANCES

High heating power. These lances allow for absolute safe operation even for high power flames in all surface tempering operations, forging, heating of materials before welding, large brazing and annealing, etc. Lances are supplied with nozzle.



CODE	Description	Weight (kg)	No.Pcs.
156308	HEATING LANCE ACETYLENE 1250 L/H	0.28	1
156309	HEATING LANCE ACETYLENE 2500/4000 L/H	0.50	1
156359	HEATING LANCE PROPANE 800/1250 L/H	0.28	1
156361	HEATING LANCE PROPANE 2500/4000 L/H	0.60	1

HEATING NOZZLES

Special copper nozzles which produce a flame that enables accurate control of all fusion operations.



157308

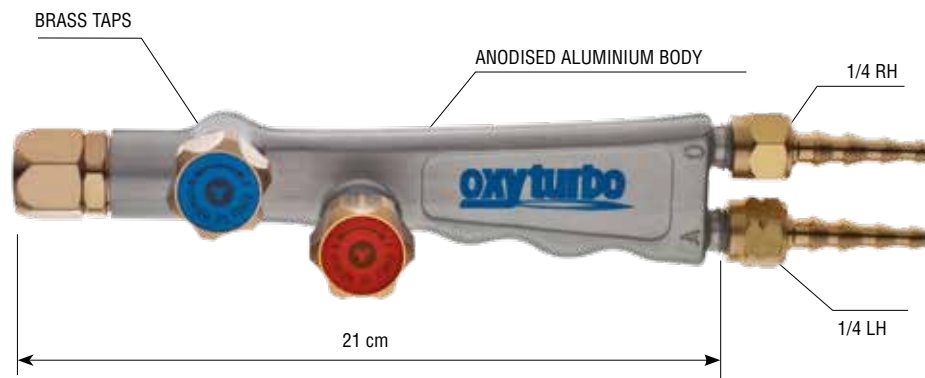


157361

CODE	Description	Weight (kg)	No.Pcs.
157308	HEATING NOZZLES ACETYLENE 1250 L/H	0.07	1
157309	HEATING NOZZLES ACETYLENE 2500/4000 L/H	0.18	1
157359	HEATING NOZZLES PROPANE 800/1250 L/H	0.07	1
157361	HEATING NOZZLES PROPANE 2500/4000 L/H	0.17	1

WELDING MINI

A range complete with handgrips, lances and nozzles for welding up to 12.5 mm and cutting up to 50 mm for small and medium carpentry.



MINI HANDGRIPS FOR WELDING AND CUTTING

Anodised aluminium handgrips that can be used in all welding and cutting operations on small and medium carpentry. Ideal for bodywork and refrigerator technicians, allowing for **welding up to 12.5mm** in thickness and **cutting up to 50mm** with special supplied lances. The brass taps are equipped with coloured stickers for immediate identification of gas, even during use. All handgrips have been tested individually with an electronic digital check.

CODE	Description	Connection	Outlet	Weight (kg)	No.Pcs.
140500	ALUMINIUM HANDGRIP	M 20X1.25	1/4"RH-1/4"LH	0.35	1



All lances are APRAGAZ approved and have been tested separately in operating pressure with a lit flame. All constructive components are individually marked to ensure greater safety during coupling.

ACETYLENE WELDING LANCES

These can be used on our MINI handgrips, allowing for welding with acetylene up to 12.5 mm thick. Lances are supplied with a nozzle.



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
146101	LANCE 40 L/H	0.4	0.11	1
146102	LANCE 80 L/H	0.8	0.11	1
146103	LANCE 160 L/H	1.6	0.12	1
146104	LANCE 225 L/H	2.2	0.12	1
146105	LANCE 315 L/H	3.0	0.13	1
146106	LANCE 500 L/H	5.0	0.13	1
146107	LANCE 800 L/H	8.0	0.13	1
146108	LANCE 1250 L/H	12.5	0.13	1

ACETYLENE WELDING NOZZLES

CAUTION: sizes printed on nozzles and lances must match. **Do not install different size nozzles from the original on lances.**



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
147101	NOZZLE 40 L/H	0.4	0.03	1
147102	NOZZLE 80 L/H	0.8	0.03	1
147103	NOZZLE 160 L/H	1.6	0.03	1
147104	NOZZLE 225 L/H	2.2	0.03	1
147105	NOZZLE 315 L/H	3.0	0.03	1
147106	NOZZLE 500 L/H	5.0	0.03	1
147107	NOZZLE 800 L/H	8.0	0.03	1
147108	NOZZLE 1250 L/H	12.5	0.03	1

PROPANE WELDING LANCES

These can be used on our MINI handgrips, allowing for welding with propane up to 5 mm thick. Lances are supplied with a nozzle.



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
146152	LANCE 100 L/H	1.0	0.11	1
146153	LANCE 160 L/H	1.6	0.11	1
146154	LANCE 225 L/H	2.5	0.12	1
146155	LANCE 315 L/H	3.0	0.12	1
146156	LANCE 500 L/H	5.0	0.12	1

PROPANE WELDING NOZZLES

CAUTION: sizes printed on nozzles and lances must match. **Do not install different size nozzles from the original size on lances.**



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
147152	NOZZLE 100 L/H	1.0	0.03	1
147153	NOZZLE 160 L/H	1.6	0.03	1
147154	NOZZLE 250 L/H	2.5	0.03	1
147155	NOZZLE 315 L/H	3.0	0.03	1
147156	NOZZLE 500 L/H	5.0	0.03	1

ACETYLENE BENDABLE LANCES

These lances are particularly useful for thermo-hydraulic works and are indicated for welding in special positions. Complete with brass mixer and special copper tubing with hammered ends.



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
146203	LANCE 160 L/H	1.6	0.11	1
146204	LANCE 225 L/H	2.2	0.11	1
146205	LANCE 315 L/H	3.0	0.11	1

CUTTING LANCES

MINI handgrips can also be combined with cutting lances available in this version with a tap or lever are both for acetylene and propane. They can be combined with three different size nozzles for cutting up to 50 mm. Cutting lances have an o-ring seal protected by a nut, ensuring safe connection with handgrips.



CODE	Description	Weight (kg)	No.Pcs.
146500	ACETYLENE cutting lance with tap	0.45	1
146510	ACETYLENE cutting lance with lever	0.50	1
146550	PROPANE cutting lance with tap	0.38	1
146560	PROPANE cutting lance with lever	0.45	1

CUTTING NOZZLES

Nozzles should be selected based on cutting thickness and on the gas to be used. The acetylene nozzles are single-piece in copper, while those for propane are two-piece with a brass interior and a copper exterior. Both have flat housings. Cutting thickness is marked directly on the nozzle and are indicative.



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
147601	ACETYLENE	8-20	0.03	1
147602	ACETYLENE	20-50	0.03	1
147603	ACETYLENE	50-100	0.03	1
147651	PROPANE	8-20	0.03	1
147652	PROPANE	20-50	0.03	1
147653	PROPANE	50-100	0.03	1

HEATING LANCES

With high heating power, these lances allow for absolute safe operation for high power flames in all surface tempering operations, forging, heating of materials before welding, large brazing and annealing, etc. Lances are supplied with a nozzle.



CODE	Description	Weight (kg)	No.Pcs.
146308	HEATING LANCE ACETYLENE 800/1250 L/h	0.18	1
146358	HEATING LANCE PROPANE 800/1250 L/h	0.18	1

HEATING NOZZLES

Special copper nozzles which produce a flame that enables accurate control of all fusion operations.



CODE	Description	Weight (kg)	No.Pcs.
147308	HEATING NOZZLES ACETYLENE 800/1250 L/h	0.05	1
147358	HEATING NOZZLES PROPANE 800/1250 L/h	0.05	1



CUTTING TORCHES

The best and safest solution for cutting professionals.

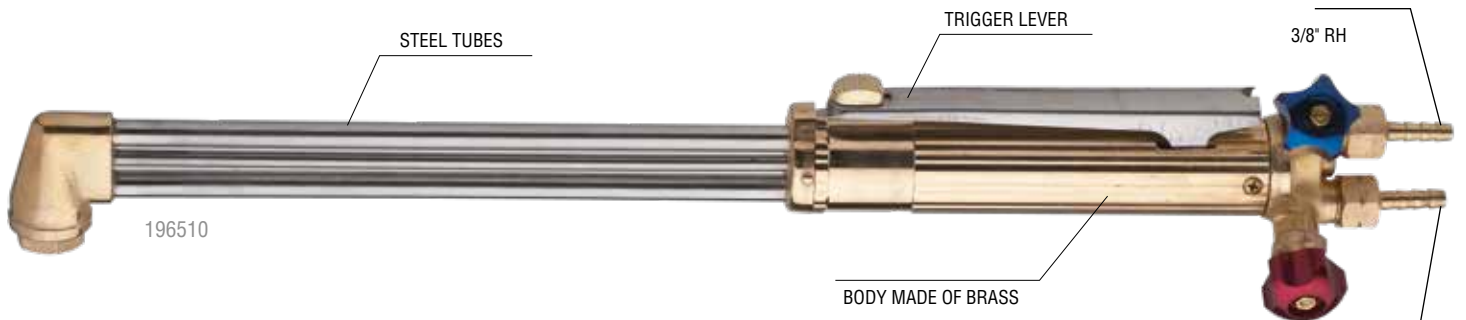
Our cutters are the best solution for all cutting applications up to 300 mm, and are especially popular in the shipbuilding industry. The extremely robust structure of the three tubes makes them particularly suitable for demolition, ensuring the best cutting quality without burring on the piece being worked on.

TO USE WITH ANME AND PNME NOZZLES

Supplied in three different lengths, **50, 85 and 115 cm**. Designed and constructed for cutting professionals and built to ensure maximum operational safety. Head mixing is extremely safe as the two gases, oxygen and acetylene or LPG, travel separately through their respective tubes.

**PERFECT FOR 300mm
AND FOR HEAVY USES**

INDESTRUCTIBLE, EASY TO HANDLE, LIGHTWEIGHT!



CODE	Description	Length (cm)	Weight (kg)	No.Pcs.
196510	CUTTER 250	50	1.40	1
196530	CUTTER 350	85	2.00	1
196540	CUTTER 450	115	2.35	1
196545	CUTTER 450 STRAIGHT HEAD	115	2.35	1

FOR G1 NOZZLES

CODE	Description	Length (cm)	Weight (kg)	No.Pcs.
196550	CUTTER 250 G1	50	1.40	1



ALL TORCHES ARE TESTED AND MARKED WITH THEIR PRODUCTION NUMBER TO ENSURE TRACEABILITY



ANME/PNME NOZZLES

Nozzles should be selected based on cutting thickness and on the gas to be used. ANME nozzles are single block self-mixing copper-coated nozzles to be used for cutting with acetylene. PNME nozzles are two-piece self-mixing nozzles with brass interiors and copper exteriors, to be used on cutting with propane. The indicated cutting thickness is marked directly on the nozzle.



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
157500	ANME ACETYLENE	6-10	0.10	1
157501	ANME ACETYLENE	10-13	0.10	1
157502	ANME ACETYLENE	13-25	0.10	1
157503	ANME ACETYLENE	25-38	0.10	1
157504	ANME ACETYLENE	38-50	0.10	1
157505	ANME ACETYLENE	50-75	0.10	1
157506	ANME ACETYLENE	75-125	0.10	1
157507	ANME ACETYLENE	125-200	0.10	1
157508	ANME ACETYLENE	200-300	0.10	1



CODE	Description	Thickness (mm)	Weight (kg)	No.Pcs.
157550	PNME PROPANE	6-10	0.10	1
157551	PNME PROPANE	10-13	0.10	1
157552	PNME PROPANE	13-25	0.10	1
157553	PNME PROPANE	25-38	0.10	1
157554	PNME PROPANE	38-50	0.10	1
157555	PNME PROPANE	50-75	0.10	1
157556	PNME PROPANE	75-125	0.10	1
157557	PNME PROPANE	125-200	0.10	1
157558	PNME PROPANE	200-300	0.10	1

G1 NOZZLES

Nozzles for cutting with mixing to be used with Cutter G1. The acetylene nozzles are single block copper-coated nozzles, while the propane ones are two-piece with brass interiors and copper exteriors. Nozzle should be selected based on cutting thickness and on the gas to be used.



CODE	Nozzle hole	Nozzle hole	Thickness (mm)	Weight (kg)	No. pcs.
167502	G1 ACETYLENE	10/10	10-25	0.10	1
167504	G1 ACETYLENE	16/10	50-80	0.10	1
167505	G1 ACETYLENE	20/10	80-120	0.10	1



CODE	Nozzle hole	Nozzle hole	Thickness (mm)	Weight (kg)	No. pcs.
167552	G1 PROPANE	10/10	10-25	0.10	1
167554	G1 PROPANE	16/10	50-80	0.10	1
167555	G1 PROPANE	20/10	80-120	0.10	1

SAFETY

Safety devices have been especially designed and constructed for use in welding, oxy fuel welding and other related techniques.

It is inappropriate to use them in other different fields i.e. heating systems, domestic gas distribution networks etc.

Depending on the models, they should be used on pressure reducers, along flexible hoses (hose-hose models) or on torch handles. Normally, the most appropriate use involves one valve for each gas on the pressure reducer and one on the handle of the torch or, in place of the latter, one along the hose at a maximum distance of 1 m from the torch.

OXYTURBO valves are tested individually at 100% with digital machine and are supplied with an instructions manual with explanations of markings and installation and maintenance instructions.

Flashback arrestor valves should be replaced every five years as prescribed by standard EN 730-1, however should be checked and replaced after each flashback.

**VALVES TESTED
INDIVIDUALLY. SHOULD
BE REPLACED EVERY
5 YEARS**

GOOD WELDING ALSO EQUALS HIGHER SAFETY!

SAFETY VALVES

APRAGAZ APPROVED ACCORDING TO EN 730-1

All gas and flame back flows are caused by the alteration of the balance between the mix output speed and the combustion rate. Our valves prevent the gas and flame back flows during welding work. In compliance with European standard EN 730-1, our valves contain:

- Valve model
- The name or brand of the manufacturer
- Standard reference number (EN 730-1)
- The functions performed by the valve (FA for flashback arrestor, NV for gas back flow)
- The type of gas (code) for which the valve has been designed

The colour of the label is also differentiated for prompt identification of valves and to facilitate easier installation and maintenance.

FLAME ARRESTOR

HOSE-HOSE SAFETY VALVE - MAX FLOW RATE 1.500 L/h

These valves are single protection: they prevent flame back flow.

They are constructed using very high-quality components. Hose connection 7-10 mm



CODE	Description	Weight (kg)	No. Pcs.
150140	OXYGEN HOSE-HOSE flame arrestor	0.10	1
150190	GAS HOSE-HOSE flame arrestor	0.10	1



FLAME BACK ARRESTOR
HOSE-HOSE



FLAME BACK ARRESTOR
VALVE FOR HANDLE



FLAME BACK ARRESTOR
HANDLE WITH HOSE CONNECTION

FLAME BACK ARRESTOR DUAL PROTECTION SAFETY VALVE - FLOW RATE 3,000 L/h

Prevents flame and gas back flow. Available in two versions: for hose-hose, with hose connection 7-11 mm and for handles, with or without hose connection.

CODE	Description	Weight (kg)	No.Pcs.
150210	Oxygen hose-hose valve	0.06	1
150260	Gas hose-hose valve	0.06	1

CODE	Description	Connection	Weight (kg)	No.Pcs.
150200	Oxygen valve for handle	1/4	0.11	1
150250	Gas valve for handle	1/4 LH	0.11	1
150205	Oxygen valve for handle	3/8	0.12	1
150255	Gas valve for handle	3/8 LH	0.12	1
150201	Oxygen valve for handle	M16X1.5	0.12	1
150251	Gas valve for handle	M16X1.5 LH	0.12	1
150202	Oxygen valve for handle	9/16	0.11	1
150252	Gas valve for handle	9/16 LH	0.11	1

CODE	Description	Connection	Weight (kg)	No.Pcs.
150211	Oxygen valve for handle with hose connection	1/4	0.14	1
150261	Gas valve for handle with hose connection	1/4 LH	0.14	1
150212	Oxygen valve for handle with hose connection	3/8	0.15	1
150262	Gas valve for handle with hose connection	3/8 LH	0.15	1
150213	Oxygen valve for handle with hose connection	M16X1.5	0.15	1
150263	Gas valve for handle with hose connection	M16X1.5 LH	0.15	1
150214	Oxygen valve for handle with hose connection	9/16	0.14	1
150264	Gas valve for handle with hose connection	9/16 LH	0.14	1

20 Ø SWIVEL FLAME BACK ARRESTORS SWIVEL SAFETY VALVES FOR REDUCERS - FLOW RATE 3,000 L/h

These carry out two important functions - Preventing flame back flow and preventing gas back flow

Their small dimensions allow them to be assembled on any reducer, however they guarantee an adequate flow even for cutting operations up to 300 mm.



FLAME BACK ARRESTOR
SWIVEL SAFETY VALVES FOR
REDUCERS

CODE	Description	Connection	Weight (kg)	No.Pcs.
150206	Oxygen	1/4	0.12	1
150256	Gas	1/4 LH	0.12	1
150208	Oxygen	3/8	0.13	1
150258	Gas	3/8 LH	0.13	1
150207	Oxygen	M16X1.5	0.13	1
150257	Gas	M16X1.5 LH	0.13	1
150209	Oxygen	9/16	0.12	1
150259	Gas	9/16 LH	0.12	1

FIXED 28 Ø FLAME BACK ARRESTOR SAFETY VALVES FOR REDUCERS - FLOW RATE 3,000 L/h

For assembly at output on pressure reducers, ensuring total protection against flame and gas back flow.

Max flow rate: 30 m³/h oxygen, 5 m³/h (propane), 5 m³/h (acetylene)



FLAME BACK ARRESTOR
FIXED FOR REDUCERS

CODE	Description	Connection	Weight (kg)	No.Pcs.
150305	Oxygen	3/8	0.25	1
150355	Gas	3/8 LH	0.25	1
150301	Oxygen	M16X1.5	0.25	1
150351	Gas	M16X1.5 LH	0.25	1
150302	Oxygen	9/16	0.24	1
150352	Gas	9/16 LH	0.24	1

CYLINDER HOLDER TROLLEYS

Product quality and safety in the transport of large size cylinders.

CE



CARRELLO VUOTO 50 LT

Oxyturbo offers a range of trolleys to facilitate the transport of cylinders, especially large ones.

A two-seater trolley is available for 50-litre, 250 mm diameter cylinders. Trolleys are equipped with a storage tray, galvanized chains, 2 full 200 mm diameter rubber wheels and 2 rear rubber pivoting full 125 mm diameter support wheels.

CODE	Description	Weight (kg)	No.Pcs.
105900	CYLINDER HOLDER TROLLEY 50 L	22.00	1

CE



CARRELLO VUOTO 14 LT

The two-seater trolleys comply with CE standards and are ideal for 14 litre cylinders. They are equipped with 2 full 200 mm diameter rubber wheels and a convenient drawer so everything you need for work is always on hand.

CODE	Description	Weight (kg)	No.Pcs.
105700	CYLINDER HOLDER TROLLEY 14 L	12.00	1



CARRELLO VUOTO 5 LT

Oxyturbo trolleys allow for cylinder handling, supporting a weight up to 30 kg. and are equipped with a convenient storage compartment.

CODE	Description	Weight (kg)	No.Pcs.
105500	ACETYLENE TROLLEY 5 L	3.70	1
105550	PROPANE TROLLEY 5 L	3.70	1
105200	TROLLEY 2 L	2.20	1



CARRELLO VUOTO 2 LT

GAS CONTROL



**Technological gas leakage detector.
An extremely useful tool for your safety.**



This product is designed to test the hermetic sealing of systems using any type of gas. The liquid used in the gas leakage detector has a special formula against corrosion if used on copper, brass and steel.

DVGW approved in accordance with DIN EN 14291

The gas leakage detector reveals any leak forming bubbles or foam.

CODE	Description	Weight (Kg)	No.Pcs.
405000.EX	DISPLAY 12 PCS. 400 g WITH ACC-U-SOL VALVE	0.46	2X12



ACC-U-SOL
VALVE

THERE IS AN ENTIRE COMPANY IN EVERY OXYTURBO PRODUCT

The three warehouses in Desenzano house 4 pressure reducer assembly lines and 2 welding product assembly lines within the 3000 square metres of operating area. It produces significant production capacity from each assembly line, with a very high annual potential. Capability that of course is further enhanced by the other products in the Oxyturbo and Welding Diffusion range, which are also tested, packaged and marketed from the headquarters in Desenzano.





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