2022

WELDING

PRODUCTS FOR GAS DISTRIBUTION CONTROL SYSTEMS

PRESSURE REDUCERS AND FLAME WELDING

ORIGINAL OXYTURBO MADE IN ITALY

oxyturbo®

Gas in Action

40
1982/2022

WE HAVE BEEN PUTTING OUR VALUES INTO EVERY PRODUCT FOR 40 YEARS...

SECTORAL SPECIALIZATION AS A DISTINCTIVE CHOICE

Since its origins, Oxyturbo has decided to deal in a specialized way with technological solutions in the field of pressure reducers and for the use of industrial gases in cylinders. A distinctive choice, which has allowed us to gain unparalleled experience on the international market. Oxyturbo is recognized as the company that offers the widest range of products, with solutions targeted to the needs of individual fields of use and users.

QUALITY TRACED AND CERTIFIED FOR THE SAFETY OF EACH CUSTOMER

Markets are often dominated by uncertainty about the real quality of the offer and exasperated competitiveness is transformed for the customer from an advantage into a risk. In this situation Oxyturbo immediately decided to favor certain and certified quality. It is no coincidence that the ISO 9001 certification was acquired 25 years ago. A certainty flanked by a brand that emphasizes the authenticity of what is "signed by Oxyturbo" and by a traceability system that assigns a specific "manufacturing memory" to each product.

A GREAT EXPERIENCE AT THE SERVICE OF TECHNOLOGICAL INNOVATION

During 40 years of company history, Oxyturbo has been the architect of significant technological innovations. It has made important steps forward in the sector in which it operates, both in terms of functional efficiency of the proposals, and in terms of safety, reliability, durability and also environmental sustainability. Particular attention is also paid to ensure that innovations are never at the expense of practicality of use.

COLLABORATIVE SKILLS TO BE A PARTNER AS WELL AS A SUPPLIER

Among the growth factors that have promoted Oxyturbo's business over the years, a decisive component has been the ability to be a proactive and available interlocutor beyond the supply of products. A competent and available partner, capable of listening to the customer's needs, interpreting them and therefore giving answers that participate in the success of development projects. A versatility that arises from being a company still led with passion by the entrepreneurial family that was its founder.

INTEGRATED LOGISTICS TO ENSURE COMPLIANCE WITH DELIVERIES

Oxyturbo is able to guarantee a wide and continuous availability of its products, in their original packaging, to give timely responses to increasingly dynamic markets in terms of orders and supply needs. The value of this organizational capacity of Oxyturbo logistics has become even more evident in contemporary markets, dominated by increasing difficulties in finding raw materials. The 4.0 structure of Oxyturbo logistics is able to keep the expected dynamics active, both in terms of quantity, types and delivery times.

THE WIDEST AND MOST UPDATED RANGE ON THE MARKET

The synergy between the Research & Development department and the various production units within the company, structures a range of offers which place Oxyturbo as the main reference in its sector at an international level. The ability to translate projects into solutions, as well as the possibility of maintaining high production flows under a quality regime, comes from a technological equipment that configures Oxyturbo as a 4.0 company. Oxyturbo has a "smart manufacturing" vocation, regarding both the robotic work islands and the digital controls of each single piece and in the various reference parameters: materials, assemblies, finishes.

ORIGINAL OXYTURBO · MADE IN ITALY ·

DIRECT LINE WITH OXYTURBO

Consultation and dialogue are fundamental components for Oxyturbo. It's this customer-oriented focus that really differentiates Oxyturbo. The company has developed an efficient telephone and on-line support service, managed by experienced staff, able to offer valuable technical and technical-commercial responses to quickly address specific needs, or provide useful information to employ the most appropriate specialists for the problem at hand.

GENERAL CONDITIONS OF SALE

TRANSPORT
Though shipped carriage paid, goods are always at the customer's own risk. Any claims for damages due either to transport or non-compliance with the order must be made in writing and within 5 days of receipt.

DELIVERIES
The terms confirmed by our sales office are indicative and any delays shall not originate any claims for damages or cancellation of the order. At its sole discretion, the seller may postpone the delivery of part of the order without prior notice to the buyer.

WARRANTY
The warranty is 24 months from delivery on all our products except for our pressure reducers, whose warranty is for 36 months. The warranty covers any manufacturing defects other than those resulting from normal wear, misuse or incorrect use.

RETURNS AND REPAIRS
To provide better service to our customers, any returns outside the warranty period will also be taken into consideration, subject to agreement with our sales department which, having ascertained the nature of the defect, will proceed with preventively approving the ex-factory return. Upon proof of receipt, the cost for the repair will be communicated and will be returned at the customer's expense.

RETURNS DUE TO ORDERING ERRORS
In the event that the customer wishes to return goods that were ordered erroneously, they must apply to our sales office within 5 days of receipt of the goods.

EACH OF OUR PRODUCTS IS SUPPLIED WITH EAN CODE
to facilitate their retail.

READING OUR CATALOGUE

CODE
The code required for ordering products: in some cases it is only numeric, in others it is alphanumeric.

DESCRIPTION
Description of the individual product or package of products.

CLASS K
Reducer class based on gas and pressure.

NO. PIECES = PIECES IN THE PACKAGE
The minimum and multiple batch that you can buy of that particular product.

Code required for ordering the product

Description of the individual product

Class K Pressure reducer class
P1 Inlet pressure in bar
P2 Outlet pressure in bar
Q1 Gas flow in m³/h or lt/min.

Weight (kg) Weight of the individual product apart from the box
NO.Pcs. Minimum and multiple batch that you can buy

CODE	Description	Class K	P1 (bar)	P2 (bar)	Q1 (m³/h)	Weight (kg)	No.Pcs.
294200	MAXIMUM NITROGEN 60 BAR	4	300	60	<150	1,60	6

PRODUCT INDEX

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.

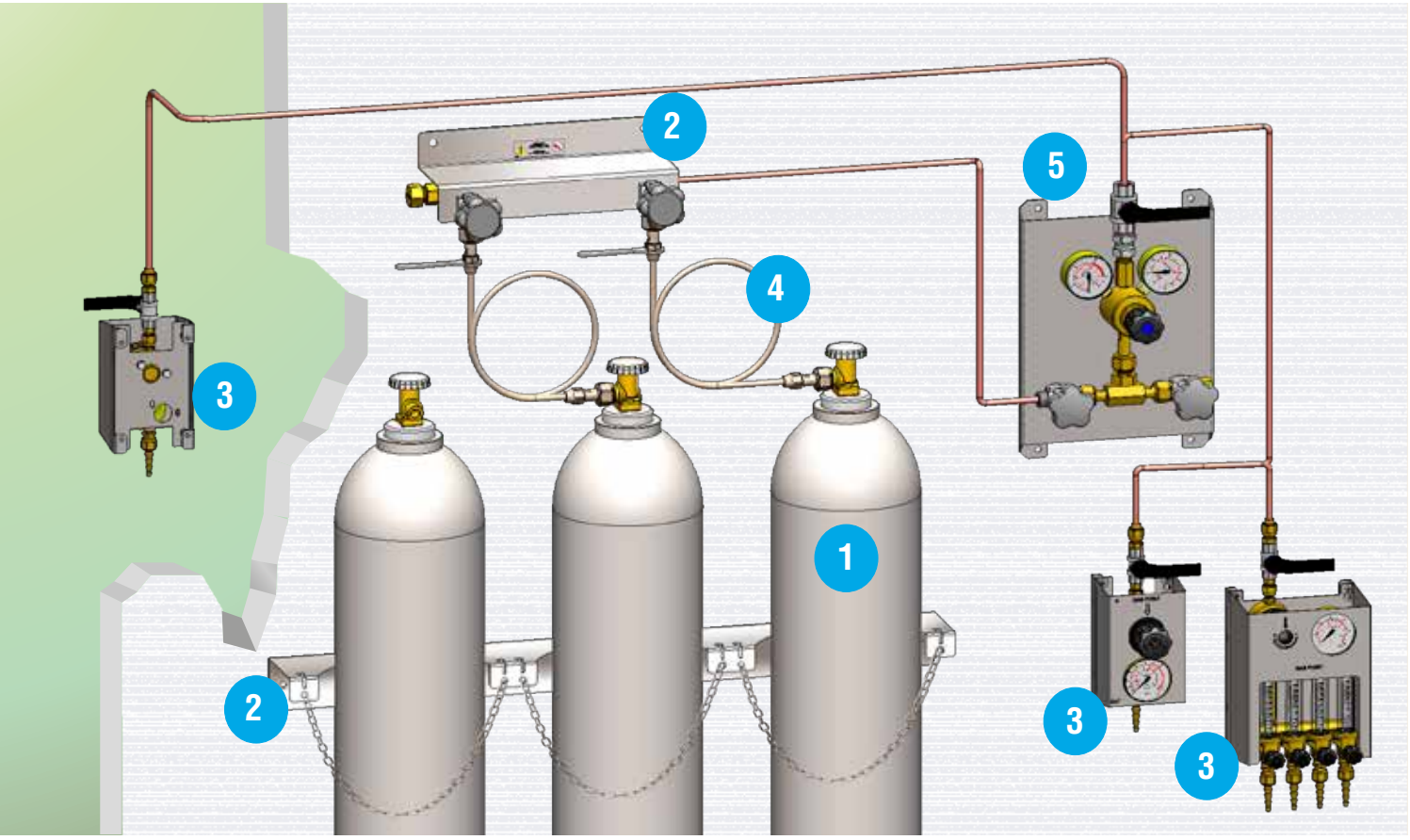
Benefits of gas centralisation:

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 and the Gas Point Smart, distribution points, the manifold systems, the cylinder racks, and flexible connections come in four different versions (copper, brass for acetylene, PTFE, polyamide) and with three different lengths (1, 2 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.

3 DISTRIBUTION POINTS

2 MANIFOLD SYSTEMS AND CYLINDER RACKS

4 FLEXIBLE CONNECTIONS

5 DECOMPRESSION PANELS

1 INDUSTRIAL RECHARGEABLE CYLINDERS

Supplied complete with taps by the numerous gas distributors.

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.

EN ISO 7291

CE
ONLY REDUCERS

TÜV AUSTRIA

DECOMPRESSION PANELS

The first stage of pressure reduction in a system for the centralised distribution of technical and laser gases.

The decompression panel is used to manage the supply of a gas to the system, thereby guaranteeing continuity of the supply by controlling the primary and secondary sources. The system is used to minimise the stress to the fittings and the pipes during cylinder replacement.
From the decompression station, the gases are distributed to the various places of use in the department by means of dedicated pipes. The gas outlets are obtained from the main networks at the individual workstations. The dedicated outlet panels are applied where Gas Points are considered necessary for the smooth operation of the workplace.

FEATURES:

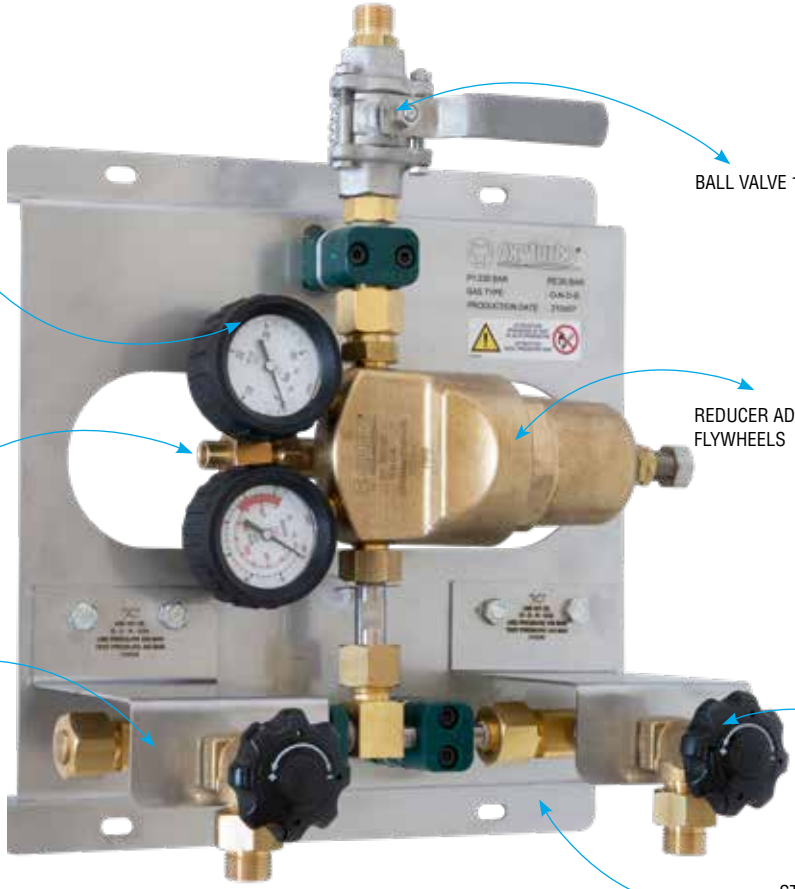
The Oxyturbo panels are of the manual exchange type and include:

- the inlet shut-off valves with no-return valves
- the 1/2 M outlet ball valve
- the pressure reducer

All of the components are fixed onto a stainless steel panel ready for wall mounting. The use of downstream flame-retardant valves on oxygen and combustible gas panels is recommended. (Not available)
For utilities where there is a significant and continuous flow, the use of a hydrothermal pre-heater is advisable. (Not available)
To allow for the simultaneous use of several cylinders, manifold systems, can be easily connected to the panel.

USE

The Oxyturbo decompression panels are available for various types of gas and pressures and are suitable for industrial applications in chemistry, metallurgy and laser applications.



GAS USED
OXYGEN
ACETYLENE
ARGON/MIX
NITROGEN
HYDROGEN
AIR

DECOMPRESSION PANELS TECHNICAL AND LASER GAS

The Oxyturbo decompression panels are designed to be used with compressed and dissolved gases, which are pressurised and contained in cylinders or cylinder packs with a maximum pressure of 230 bar. Their function is to reduce output pressure from the cylinder and to keep it constant.

TECHNICAL INFORMATION:

- **Operating temperature: -15°C +60°C**
- **Manual exchange cut-off valves with NRV***
- **Output pressure:**
  20 bar adjustable/50 bar adjustable/1.5 bar adjustable
- **Dimensions: 450x350x240mm**
- **Panel dimensions: 350x360x30mm**

*NRV= No-Return Valve

OXYGEN 20 BAR

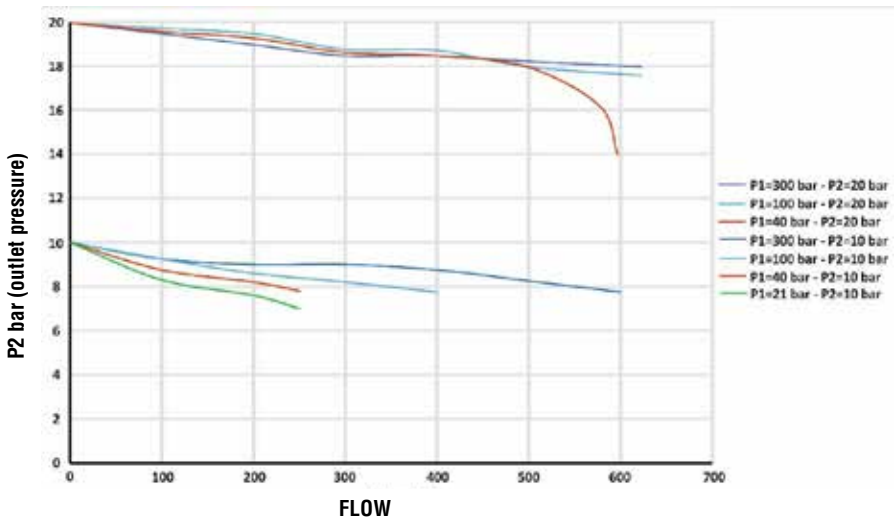
50 BAR

ACETYLENE 1.5 BAR

20 BAR

CODE	Description	Input	Outlet	P1 (bar)	P2 (bar)	Flow rate Nm³ h	Weight (kg)	No. pcs.
190100	Oxygen decompression panel	W21.7x1/14 DX-M	1/2 M	150	15	120	11.50	1
190100	Argon decompression panel	W21.7x1/14 DX-M	1/2 M	150	15	11.50	11.50	1
190100	Nitrogen decompression panel	W21.7x1/14 DX-M	1/2 M	150	15	11.50	11.50	1
190253	Acetylen decompression panel	G5/8 SX-F	1/2 M	22	1.5	11.50	11.50	1
190000	Oxygen decompression panel	W21.7x1/14 DX-M	1/2 M	300	50	11.50	11.50	1
190000	Argon decompression panel	W21.8x1/14 DX-M	1/2 M	300	50	11.50	11.50	1
190000	Nitrogen decompression panel	W21.8x1/14 DX-M	1/2 M	300	50	11.50	11.50	1
190000	Air decompression panel	W21.8x1/14 DX-M	1/2 M	300	50	11.50	11.50	1
190150	Hydrogen decompression panel	W20.00x1/14 SX-M	1/2 M	1100	20	11.50	11.50	1

FLOW CHARACTERISTICS



EN ISO 2503

GAS POINT

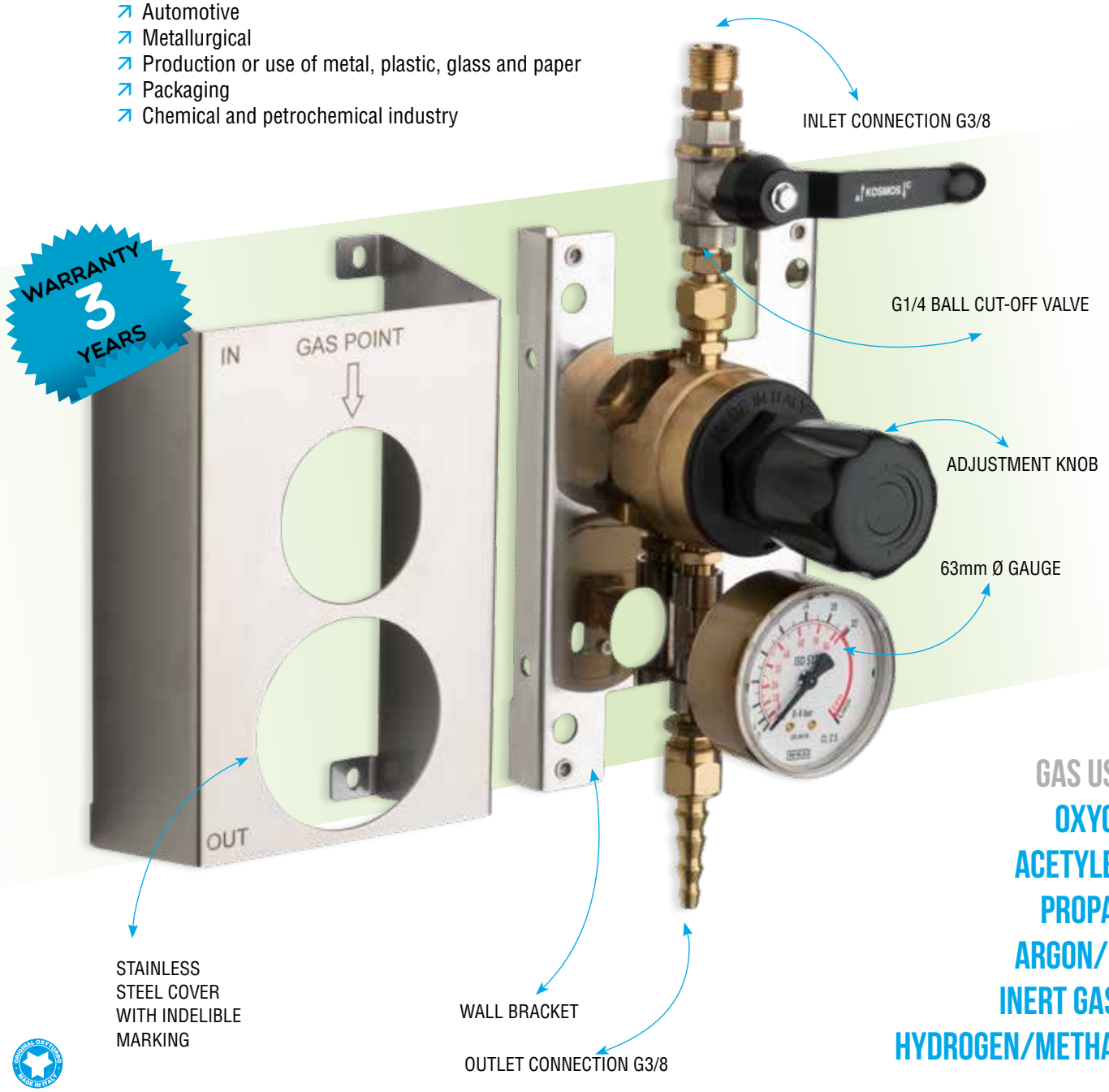
The necessary complements for centralised gas distribution. Compact and easy to install.

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



GAS USED

OXYGEN

ACETYLENE

PROPANE

ARGON/CO_2

INERT GASES

HYDROGEN/METHANE

GAS POINT

APPROVED UP TO **300 BAR**

190800

190860

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 (m^3/h)	Weight (kg)	No.Pcs.
190800	GAS POINT O_2 + F.A.V.	G3/8	30	10	30	1.75	1

CODE	Description	Outlet	P1 (bar)	P2 (bar)	Q1 (m^3/h)	Weight (kg)	No.Pcs.
190820	GAS POINT C_2H_2 + F.A.V.	G3/8	1.5	1.5	5	1.85	1
190830	GAS POINT C_3H_8 + F.A.V.	G3/8	6	4.0	10	1.90	1
190840	GAS POINT H_2 CH_4 + F.A.V.	G3/8	30	10	30	1.85	1

CODE	Description	Outlet	P1 (bar)	P2 (bar)	Q1 (m^3/h)	Weight (kg)	No.Pcs.
190860	GAS POINT ARGON/CO_2 WITHOUT F.A.V.	G3/8	30	4.0	32 L/min	1.75	1
190870	GAS POINT INERT GASES WITHOUT F.A.V.	G3/8	30	10	30	1.75	1

GAS POINTS WITH FLOW METERS

APPROVED UP TO **300 BAR**

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	G3/8	30	3.5	30	2.15	1
190864	GAS POINT AR/CO_2 + 2 FLOW METERS	G3/8	30	3.5	30	3.90	1
190863	GAS POINT AR/CO_2 + 3 FLOW METERS	G3/8	30	3.5	30	4.24	1
190862	GAS POINT AR/CO_2 + 4 FLOW METERS	G3/8	30	3.5	30	4.60	1

190861

190864

190863

190862

CONNECTED BALL VALVE

Galvanized ball valve equipped with lever for easy opening/closing of the gas. They allow the connection of the Gas Point and the Gas Point with flow meters to the gas distribution circuit.

CODE	Description	Weight (kg)	No.Pcs.
C1999005	Ball valve without elbow	0.232	1

2ND STAGE LASER GAS POINT

APPROVED UP TO **300 BAR**

190880

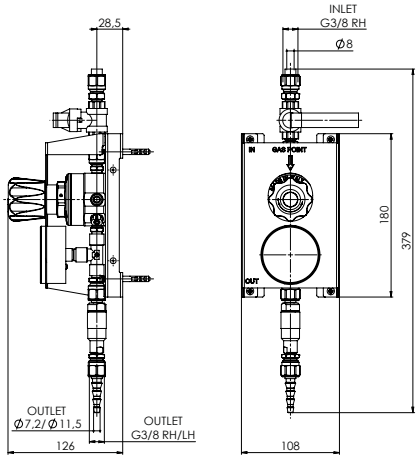
190881

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:
- Mega HP series piston reducer with all brass membrane
- Low pressure gauge, Ø 63, 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

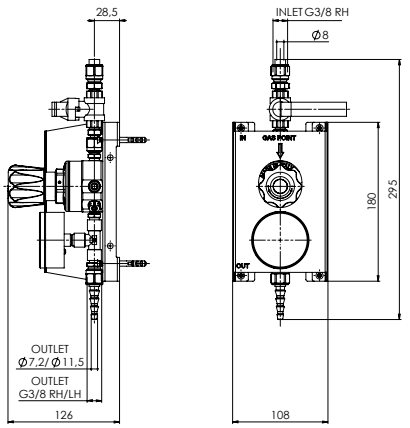
Available for use with oxygen and with nitrogen.

CODE	Description	Outlet	P1 (bar)	P2 (bar)	Q1 (m³/h)	Weight (kg)	No.Pcs.
190880	GAS POINT laser cutting O_2 2nd stage	G1/2	60	50	180	2.40	1
190881	GAS POINT laser cutting N_2 2nd stage	G1/2	60	50	180	2.40	1

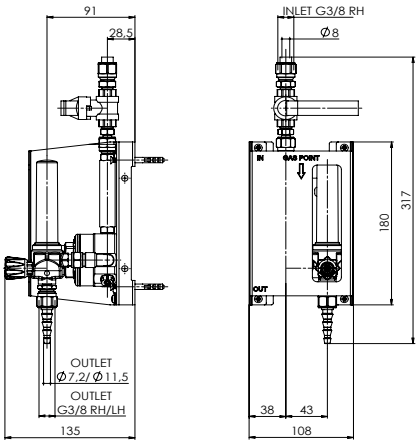
SIZES FOR WALL MOUNTING



GAS POINT WITH VNR

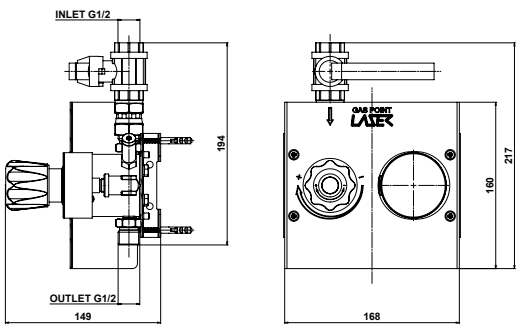


GAS POINT WITHOUT VNR



GAS POINT SECOND STAGE

GAS POINT WITH FLOW METER



MEGA HP60

The 60 bar pressure reducer to power an individual laser cutting system

WARRANTY 3 YEARS

Mega HP60 pressure reducers are designed in compliance with standard EN ISO 2503 that guarantees also total compatibility with low pressure gases. They are equipped with an overpressure relief valve and with a sintered bronze dual-protection filter in the integrated capsule.
Pressure regulation is extremely straightforward and smooth thanks to the ergonomic knob. The particularly well-designed reducer body is made of brass and pickled to withstand oxidation over time.

GAS USED:

OXYGEN
NITROGEN
ARGON
COMPRESSED AIR
HYDROGEN

FEATURES:

- Body and cover machined directly from bras bar
- Front adjusting knob
- Two ø 63mm pressure gauges with cap
- Outlet pressure 60 bar
- Outlet connections G3/8 RH - G3/8 LH
- Overpressure relief valve

USE

Permits to use of various industrial gases up to 300 bar and to have a distribution up to 60 bar. Ideal for cylinders or cylinder packs for laser cutting systems

GAS	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
OXYGEN	290250HP60	290251HP60	290253HP60	290253HP60	290253HP60	290250HP60	290253HP60	290255HP60
NITROGEN	294250HP60	294251HP60	294253HP60	294253HP60	294259HP60	294254HP60	294252HP60	294255HP60
ARGON	296250HP60	296251HP60	296253HP60	295250HP60	296259HP60	296254HP60	295250HP60	296250HP60
C. AIR	298250HP60	298253HP60 DIN	298253HP60			298253HP60		298255HP60
HYDROGEN	293250HP60	293251HP60	293253HP60	293281HP60	293251HP60	293251HP60	293251HP60	293255HP60

Weight of kit **2.20 kg** - No.Pcs. **4** - packaging dimensions (l x w x h) **30.5 X 40.5 X 16.5 cm** - packaging weight **8.80 kg**

EN ISO 2503

GAS POINT SMART

At the service of industrial gases.

GAS USED:

OXYGEN
ACETYLENE
PROPANE
ARGON/CO_2
INERT 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	G3/8	G1/4	10 BAR	0.85	8	41 X 29 X 22	7.00
241352.PP	Gas Point Smart Acetylene	G3/8 LH	3/8 LH	1.5 BAR	0.83	8	41 X 29 X 22	6.90
242352.PP	Gas Point Smart Propane	G3/8 LH	G3/8 LH	4 BAR	0.85	8	41 X 29 X 22	7.00
245302.PP	Gas Point Smart CO2/Argon	G3/8	G1/4	32 L/min	0.83	8	41 X 29 X 22	6.90
245352.10PP	Gas Point Smart Inert gases	G3/8	G3/8	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 immediancy 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	G3/8	G1/4	30 L/min	0.87	8	41 X 29 X 22	7.20

KIT GAS POINT SMART

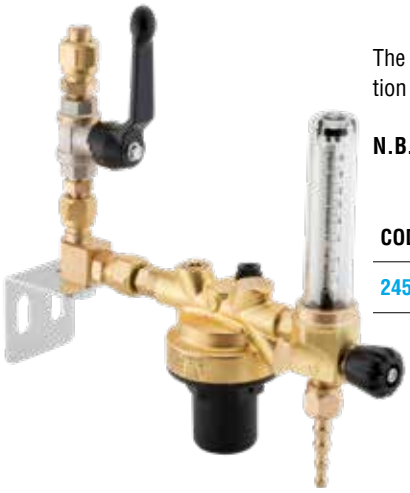
This new kit range is the safe, simple and practical solution for the use of industrial gases in cylinders.

Oxyturbo offers a complete kit of pressure reducer, ball valve for connection to the circuit and bracket for wall mounting of the Gas Point Smart in the single version

N.B. For the double and triple versions, it is possible to order the components separately

CODE	Description	Gas	Inlet	Outlet	Weight (Kg)	No. Pcs.	Pack. Dim. (l x w x h) cm	Pack.Weight (kg)
245352GPS10	Kit Gas Point Smart 10 bar	Inert gases	G3/8	G3/8	1.150	8	40.5X28.5X22	10.00
240302GPS	Kit Gas Point Smart 10 bar	Oxygen	G3/8	G1/4	1.150	8	40.5X28.5X22	10.00
241352GPS	Gas Point Smart Kit 1.5 bar	Acetylene	G3/8LH	G3/8LH	1.130	8	40.5X28.5X22	9.80
242352GPS	Gas Point Smart Kit 2.5 bar	Propane	G3/8LH	G3/8LH	1.150	8	40.5X28.5X22	10.00
245302GPS	Gas Point Smart Kit 32 l/min	Co2/Argon	G3/8	G1/4	1.135	8	40.5X28.5X22	9.85

KIT GAS POINT SMART WITH FLOW METER



The Gas Point Smart with single flow meter is also available in the kit version complete with ball valves for connection to the circuit and brackets for wall mounting.

N.B. For the double and triple versions, it is possible to order the components separately.

CODE	Description	Gas	Inlet	Outlet	Weight (Kg)	No. Pcs.	Pack. Dim. (l x w x h) cm	Pack.Weight (kg)
245402GPS	Gas Point Smart Flux 30 l/min	Co2/Argon	G3/8	G1/4	1.180	8	40.5X28.5X22	10.50

ROUNDED BALL VALVES

Galvanised ball valves with handle for easy gas opening/closing. These allow connection of the Gas Point Smart to the gas distribution circuit.

CODE	Description	Gas	Outlet	Weight (Kg)	No. Pcs.	Pack. Dim. (l x w x h) cm	Pack.Weight (kg)
479950	Ball valve with elbow	Oxygen/inert gases	G3/8 Rh	0.38	14	34.5X16.5X17	5.50
479951	Ball valve with elbow	Fuel gases	G3/8 Lh	0.38	14	34.5X16.5X17	5.50
C1999005	Ball valve without elbow	Oxygen/ inert gases/ fuel gases	G1/4 Rh	0.232	15	34.5X16.5X17	4.00

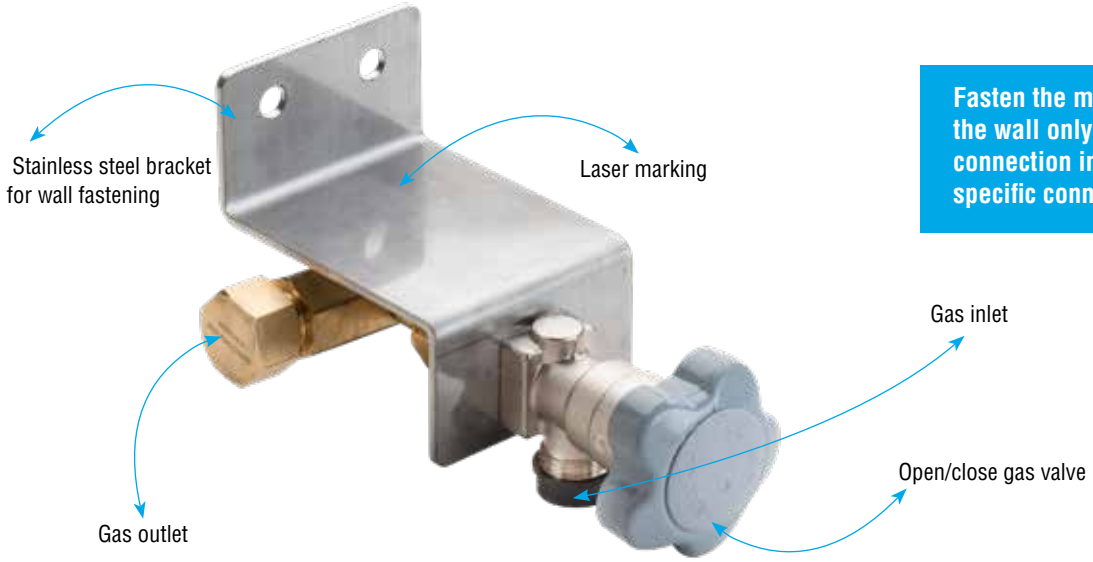
CONNECTION FITTING

Brass fitting kit suitable for all our versions. Includes a G3/8 nut and a welded Pool fitting for Ø 8 mm pipe.

CODE	Description	Weight (kg)	No. Pcs.
490382	Nut G3/8 + Pool fitting for Ø 8mm pipe	0.035	1

MANIFOLD SYSTEMS

To work more independently and efficiently.



Fasten the manifold system to the wall only after making the connection in series using the specific connection fittings

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 and the fittings are threaded.
N.B. For the twin and triple manifold systems for acetylene the connection pipes are made of brass and not of copper.

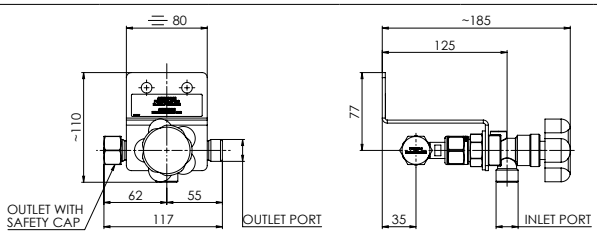
SINGLE MANIFOLD SYSTEMS

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= H_2- C_3H_8- C_4H_{10}

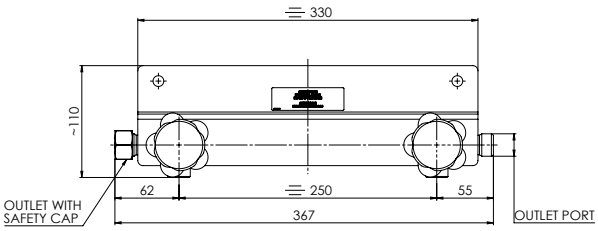
SIZES FOR WALL MOUNTING

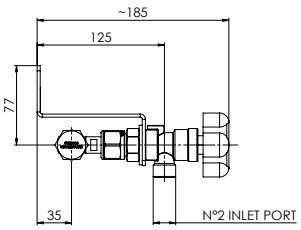


TWIN MANIFOLD SYSTEMS

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

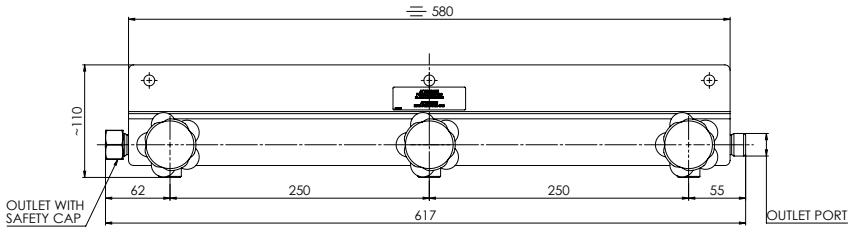


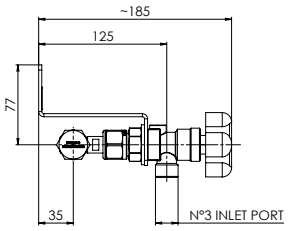


TRIPLE MANIFOLD SYSTEMS

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

C5419050

C5419051

C5419052

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.

Fasten the manifold system to the wall only after making the connection in series using the specific connection fittings.

CODE	Description	Weight (Kg)	No. Pcs.	Pack. Dim. (cm)	Pack. Weight (Kg)
C5419050	O2 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

Cylinder racks can be placed inside the laboratory or warehouse.
They are made of laser-cut INOX 430 stainless steel sheet and are equipped with a white galvanised 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

PRODUCTS EQUIPPED WITH QR-CODE

FLEXIBLE CONNECTIONS

The coils are the element needed to connect cylinders or cylinder packs to manifold systems 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

COILS SHOULD BE REPLACED EVERY 2 YEARS
(month and year of manufacture are engraved on the cylinder handle).

AVAILABLE LENGTHS
- **1 and 3 meters for copper and brass versions.**
- **1-2-3 meters for PTFE versions, double sock cover in stainless steel and coated POLYAMIDE steel with polyurethane cover.**

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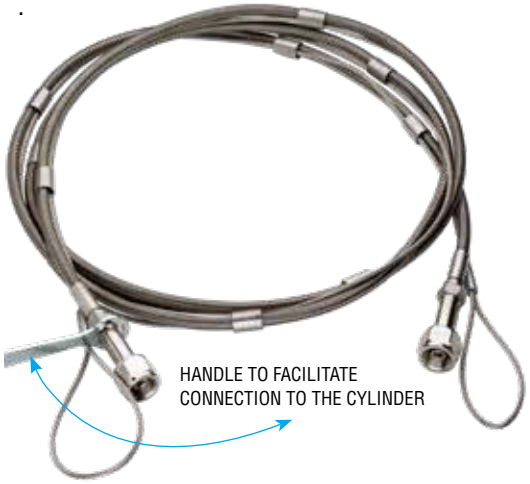
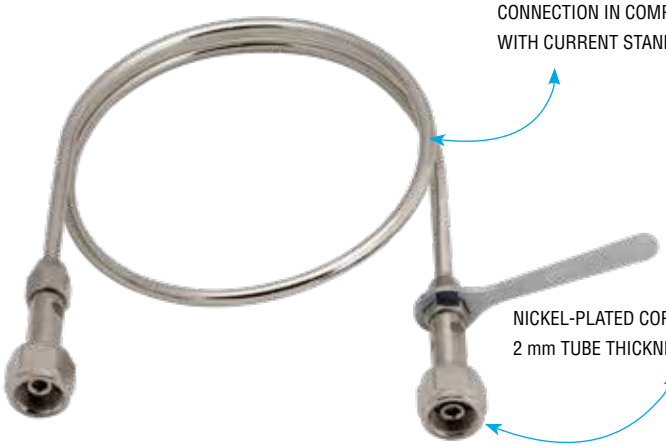




COPPER COILS - BRASS COILS FOR ACETYLENE 1-3 METERS

Coils complete with handle for easy cylinder connection.

Operating pressure: 240 bar - 25 bar for acetylene
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, year/month of production 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 26-27)

FLEXIBLE COILS IN PTFE 1-2-3 METERS

Flexible PTFE coils covered in textile braid, stainless steel braid and protective coating in micro-perforated black thermoplastic with anti-wandering safety cable and maneuvering handle to facilitate connection to the cylinder.

Operating pressure: up to 400 bar
Operating temperature: from -60°C to +260°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, year/month of production 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 26-27)

FLEXIBLE COILS IN POLYAMIDE 1-2-3 METERS

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

Operating pressure: up to 300 bar
Operating temperature: from -15°C to +65°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, year/month of production 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 26-27)

COILS SPARE PARTS

XF990199

XF991199

XF992199

COIL WITHOUT CONNECTIONS

Available in three different materials and in different lengths. With fitting G1/4" BPS female.

CODE	Description	L =mm	Weight (kg)	No. Pcs.
XF990199	Copper coil	1000	0.40	1
XF990399	Copper coil	3000	1.08	1
XF990199AC	Brass Coil for acetylene	1000	0.40	1
XF990399AC	Brass Coil for acetylene	3000	1.08	1
XF991199	Flexible coil in PTFE	1000	0.30	1
XF991299	Flexible coil in PTFE	2000	0.58	1
XF991399	Flexible coil in PTFE	3000	0.90	1
XF991199H	Flexible coil in PTFE for Hyrdrogen	1000	0.30	1
XF991299H	Flexible coil in PTFE for Hyrdrogen	2000	0.58	1
XF991399H	Flexible coil in PTFE for Hyrdrogen	3000	0.90	1
XF992199	Flexible coil in polyamid (no oxygen and no hydrogen)	1000	0.30	1
XF992299	Flexible coil in polyamid (no oxygen and no hydrogen)	2000	0.58	1
XF992399	Flexible coil in polyamid (no oxygen and no hydrogen)	3000	0.90	1

Create your flexible connection: choose the type of coil and order connections according to the table of page 26/27

GASKETS

D0932004I

D0932002I

D0913000I

CODE	Description	Weight (kg)	No. Pcs.
D0932004I	Injector gasket CO_2-O_2 – Compressed air. 100 pcs packaging	0.04	1
D0932002I	Injector gasket Nitrogen. 25 pcs packaging	0.02	1
D0913000I	Injector gasket Hydrogen Methane. 100 pcs packaging	0.03	1

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 *(see below for details for each specific piece of equipment)*	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 *(see below for details for each specific piece of equipment)*	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): *(This check can be made more frequently depending on the conditions of use)*	**This check can be made more frequently depending on the conditions of use**
Pressure reducers (1)	**Visual inspection:** • 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	• 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	• 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	• Verification of correct closing mechanism operation • Junction seal testing at operating pressure	• Junction seal testing at operating pressure	• 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.

Our range includes the following reducers:

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

PRESSURE REDUCERS FOR USE WITH INDUSTRIAL GASES IN CYLINDERS

Designed and manufactured in compliance with EN ISO 2503 which foresees:

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

Pressure reducer connections are in compliance with standard UNI 11144

OBLIGATORY MARKING

Standard EN ISO 2503 foresees the following obligatory markings:

- Name or trademark of the manufacturer and/or distributor
- The writing "EN ISO 2503"
- 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. .

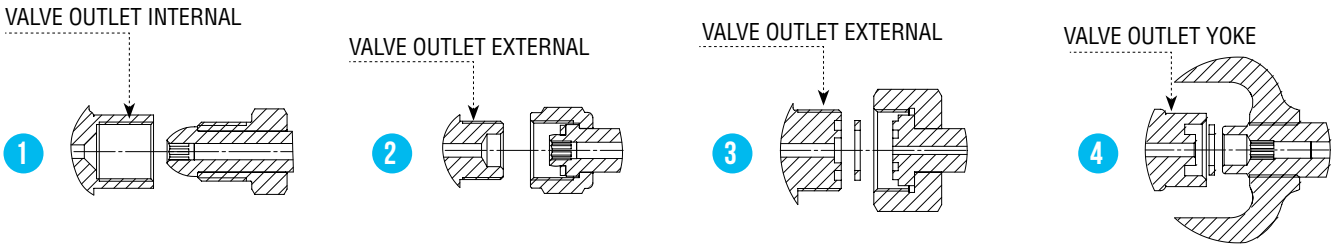
The lack of just one of the conditions indicated means that the pressure reducer no longer complies with the standard.

- **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.**

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

CYLINDER CONNECTIONS

GAS	CHIMICAL SYMBOL	OUTLET DIMENSIONS	STANDARD	OUTLET NUMBER
ITALY				
Acetylene	C_2H_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_4H_{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	CH4	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_3H_8	W20 X 1/14" LH	1P - UNI 11144	2
GERMANY, AUSTRIA, SWITZERLAND, CZECH REPUBLIC, SLOVAKIA, HUNGARY, POLAND				
Acetylene	C_2H_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_4H_{10}	W21.8 X 1/14" LH	DIN 477 No.6	2
Carbon dioxide*	CO2	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_3H_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_2H_2	G 5/8 LH	BS 341 No.2	1
Argon	Ar	G 5/8	BS 341 No.3	1
Butane	C_4H_{10}	G 5/8 LH	BS 341 No.4	1
Carbon dioxide	CO2	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_3H_8	G 5/8 LH	BS 341 No.4	1
FRANCE				
Acetylene	C_2H_2	Ø 21 X Ø 10mm	NF E 29-650/A	4
		W 22.91 X 1/14" LH	NF E 29-650/H	1
Argon	Ar	W 21.7 X 1/14"	NF E 29-650/C	2
Butane	C_4H_{10}	W 21.7 X 1/14" LH	NF E 29-650/E	2
Carbon dioxide	CO_2	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_3H_8	W 21.7 X 1/14"LH	NF E 29-650/E	2



GAS	CHIMICAL SYMBOL	OUTLET DIMENSIONS	STANDARD	OUTLET NUMBER
HOLLAND, BELGIUM				
Acetylene	C_2H_2	Ø 20 X Ø 9mm	NEN 3268 YOKE	4
	C_2H_2	G 5/8 LH	NEN 3268 LI2	1
Argon	Ar	W 24.32 X 1/14"	NEN 3268 RU 3	2
Butane	C_4H_{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_3H_8	W21.8 X 1/14" LH	NEN 3268 LU 1	2
SWEDEN, NORWAY, FINLAND				
Acetylene	C_2H_2	G3/4	SS 2238/C2	1
Argon	Ar	W24.32 X 1/14"	SS 2238/A	2
Butane	C_4H_{10}	CGA 510 LH	SS 2238/C1	1
	C_4H_{10}	W21.8 X 1/14" LH		2
Carbon dioxide	CO_2	W21.8 X 1/14"	SS 2238/A	2
Air		G 5/8	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_3H_8	CGA 510 LH	SS 2238/C1	1
	C_3H_8	W21.8 X 1/14" LH		2
SPAIN, PORTUGAL				
Acetylene	C_2H_2	YOKE	YOKE	4
	C_2H_2	Ø 22.91 X 1/14" LH	MIE AP7	1
Argon	Ar	W21.7 X 1/14"	MIE AP7	2
Butane	C_4H_{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_3H_8	W 21.7 X 1/14" LH	MIE AP7	2
U.S.A.				
Acetylene	C_2H_2	CGA 510 LH	CGA V-1	1
Argon	Ar	CGA 580	CGA V-1	1
Butane	C_4H_{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_3H_8	CGA 510 LH	CGA V-1	1

EN ISO 2503

MAXYMUM

Professional pressure reducers for operating pressures up to 100 bar.

Gas flow >200 m³/h

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**

GAS USED:

OXYGEN
NITROGEN
ARGON
CO2
HYDROGEN
COMPRESSED AIR

WARRANTY 3 YEARS

Upon request we can supply gas connections that are not in the catalogue.

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.

MAXYMUM 100 - 60 - 40 - 20 BAR

APPROVED UP TO **300 BAR**

294200.100

Especially suitable for cleaning air conditioning or inflating tyres. Available with four different pressure calibrations. **The nitrogen and the argon versions are 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
OXYGEN	G1/4	290200.100	290201.100	290203.100	290203.100	290203.100	290200.100	290203.100	
	9/16"								290295.100
ARGON	1/4 SAE + 5/16 SAE	296200.100	296201.100	296203.100	295202.100	296209.100	296204.100	296202.100	296205.100
HYDROGEN	G1/4	293200.100	293251.100	293203.100	293201.100	293201.100	293201.100	293201.100	293205.100
AIR	G1/4	298250.100	298253DIN.100	298203.100		298209.100	298203.100	298208.100	298205.100

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**

290200

296200

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
OXYGEN	G1/4	290200	290201	290203	290203	290203	290200	290203	
	9/16"								290295
ARGON	1/4 SAE + 5/16 SAE	296200	296201	295203	296202	296209	296204	296202	296205
CO2	1/4 SAE + 5/16 SAE	295200	296201	295200	295200	295209	295200	295200	295205
HYDROGEN	G1/4	293200	293251	293203	293201	293201	293201	293201	293205
AIR	G1/4	298250	298253DIN	298203		298209	298203	298208	298205

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**

290200.40

MAXYMUM 40 BAR Low pressure gauge 0-60 bar red mark 46 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
OXYGEN	G1/4	290200.40	290201.40	290203.40	290203.40	290203.40	290200.40	290203.40	
	9/16"								290295.40
ARGON	1/4 SAE + 5/16 SAE	296200.40	296201.40	296203.40	295202.40	296209.40	296204.40	296202.40	296205.40
CO2	1/4 SAE + 5/16 SAE	295200.40	296201.40	295200.40	295200.40	295209.40	295200.40	295200.40	295205.40
HYDROGEN	G1/4	293200.40	293251.40	293203.40	293201.40	293201.40	293201.40	293201.40	293205.40
AIR	G1/4	298250.40	298253DIN.40	298203.40		298209.40	298203.40	298208.40	298205.40

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**

295200

296200.20

293250.100

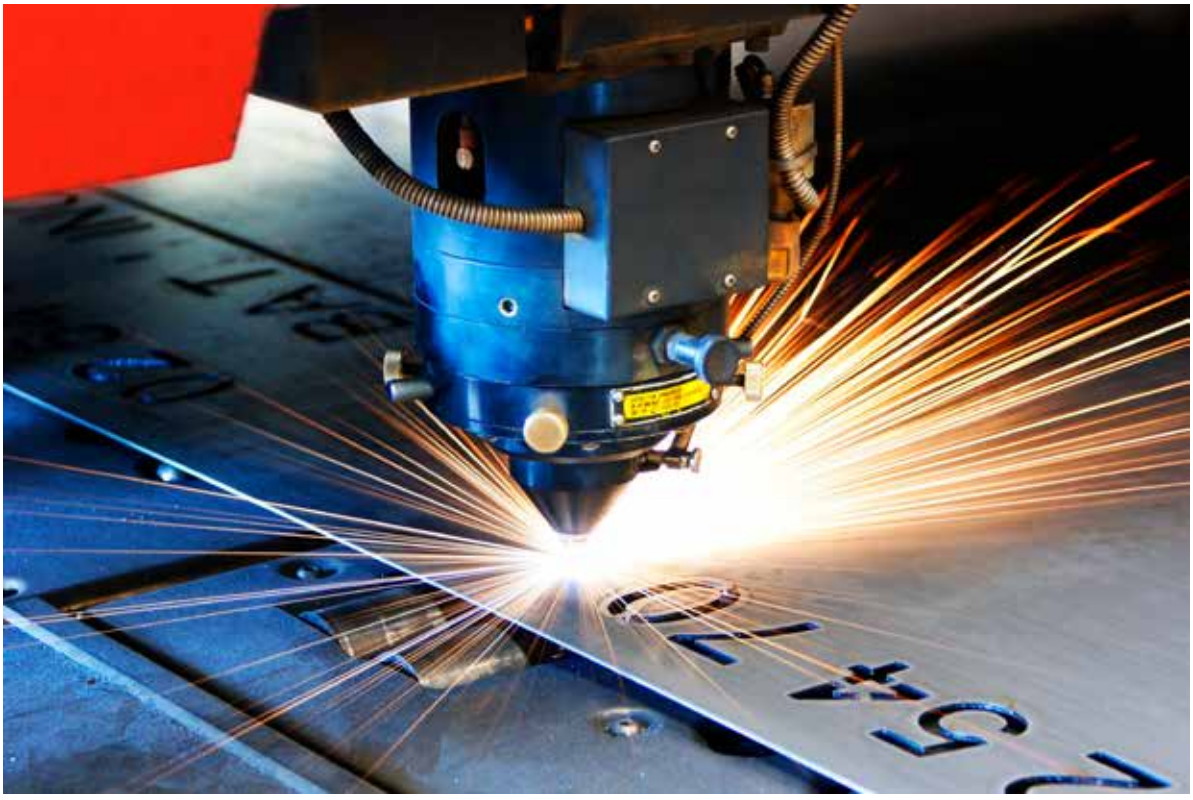
298250.100

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
OXYGEN	G1/4	290200.20	290201.20	290203.20	290203.20	290203.20	290200.20	290203.20	
	9/16"								290295.20
ARGON	1/4 SAE + 5/16 SAE	296200.20	296201.20	296203.20	295202.20	296209.40	296204.20	296202.20	296205.20
CO2	1/4 SAE + 5/16 SAE	295200.20	296201.20	295200.20	295200.20	295209.20	295200.20	295200.20	295205.20
HYDROGEN	G1/4	293200.20	293251.20	293203.20	293201.20	293201.20	293201.20	293201.20	293205.20
AIR	G1/4	298250.20	298253DIN.20	298203.20		298209.20	298203.20	298208.20	298205.20

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**



EN ISO 2503

MAGNUM MARINE

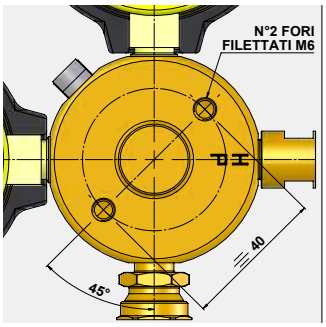
Pressure reducer for UTR™ cylinders.

Oxyturbo provides a complete range of reducers suitable for gas cylinders used for various applications on ships. They are designed to be safe and reliable and guarantee a correct and stable operating pressure thanks to the fitted safety device for the discharge of overpressures. The ø 63mm pressure gauges complete with high-strength polymer protection caps and frontal pressure regulation also make these reducers easy and reliable to use.

USE

Designed for highly professional use, they are ideal for all types of applications on board, from cutting to welding tasks.

GAS USED:
OXYGEN
ACETYLENE
CO_2
ARGON
NITROGEN
PROPANE



At the rear there are 2 M6 threaded holes with 40mm centre distance for wall mounting.

280250

CODE	Description	Outlet	Class K	P1 (bar)	P2 (bar)	Q1 (m³/h)	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
280250	MAGNUM OXYGEN	G3/8	4	300	12.5	40	1.45	4	30.5X45.5X16.5	4.80
281254	MAGNUM ACETYLENE	G3/8	2	25	<1.5	5	1.4	4	30.5X45.5X16.5	4.80
285205	MAGNUM CO2 CGA320	G1/4	1	300	4	>2	1.45	4	30.5X45.5X16.5	4.80
285205.10	MAGNUM CO2 CGA320	G1/4	4	300	12.5	40	1.45	4	30.5X45.5X16.5	4.80
286204	MAGNUM ARGON	G1/4	1	300	4	>2	1.45	4	30.5X45.5X16.5	4.80
284251	MAGNUM NITROGEN W24,32 DIN	G3/8	4	300	12.5	40	1.45	4	30.5X45.5X16.5	4.80
282351	MAGNUM PROPANE	G3/8	1	25	4	15	1.2	6	30.5X45.5X16.5	6.8

EN ISO 2503

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.

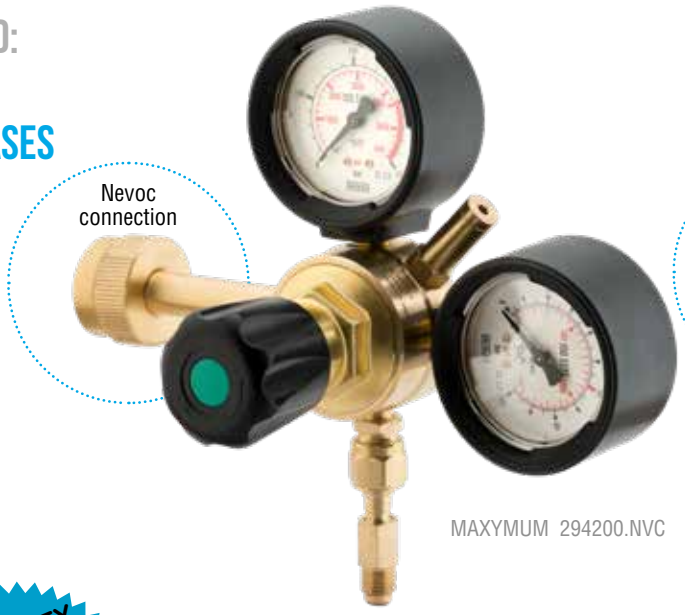
USE

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 - 100 bar, suitable for all inert gases including Nitrogen, Helium and Argon especially suitable for laser and heavy duty cutting applications.

GAS USED:

OXYGEN
INERT GASES



MAXYMUM 294200.NVC

MAXY 260200.NVC

WARRANTY 3 YEARS

MAXYMUM NEVOC - OUTLET 3/8

P1 Inlet pressure 300 bar - P2 Outlet pressure 100-60-40-20 bar

GAS	Maxymum 100 bar	Maxymum 60 bar	Maxymum 40 bar	Maxymum 20 bar
OXYGEN	290200.100NVC	290200.NVC	290200.40NVC	290200.20NVC
INERT GASES	294200.100NVC	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**

EN ISO 2503

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.

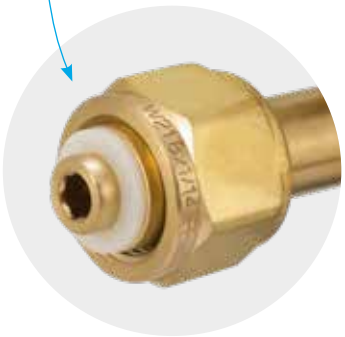
ACCURATE, STRONG, RELIABLE, INDESTRUCTIBLE

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

WARRANTY 3 YEARS

MAKE YOUR PRESSURE REDUCER BETTER PROTECT (SEE PAGE 53)

All our cylinder attaching nuts bear thread designation.



The marking on the body indicates gas use. The newly designed knob has been ergonomically improved.

PRESSURE REDUCERS APPROVED UP TO 300 BAR

GAS USED:

CO_2
ARGON/MIX
OXYGEN
ACETYLENE
PROPANE
NITROGEN
COMPRESSED AIR
HYDROGEN/METHANE
HELIUM

MAXY FOR MIG/MAG/TIG WELDING

APPROVED UP TO **300 BAR**

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 CO_2 reducers can also be combined with a pre-heater (see page 52) to eliminate the "brine" effect. The argon fitting inserted in some versions allows the use of the CO_2 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.
Available also the version with 10 bar outlet 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**

266400

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.

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**

266800

NEW

266800.06

MAXY WITH TWO AND SIX FLOW METERS

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

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
CO_2	G1/4	265800.06	266801.06	265800.06	265800.06	265809.06	265800.06	265800.06	265805.06
ARGON	G1/4	266800	266801	266803	265800	266809	266804	265800	266800
ARGON	G1/4	266800.06	266801.06	266803.06	265800.06	266809.06	266804.06	265800.06	266800.06

TWO FLOW METERS: Weight of pressure reducer **1.70 Kg** - No.Pcs. **6** - Pack.dim. (l x w x h) **53 x 25 x 37.5 cm** - Pack. weight **10.50 Kg**
SIX FLOW METERS:Weight of pressure reducer **3.80 Kg** - No.Pcs. **1** - Pack. dim. (l x w x h) **45.50 x 30.5 x 17 cm** - Pack. weight **3.80 Kg**

ARGON FITTINGS

These fittings also enable use of CO_2 reducers with argon/mixture cylinders.

C5649000

C5649002

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
C5649002	ARGON FITTING	W24.51 RHI	W21.80 RHI	0.25	1

MAXY FOR OXY ACETYLENE AND OXY PROPANE WELDING

APPROVED UP TO **300 BAR**

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.

260250

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**

261250

261253

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**

262350

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**

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

MAXY FOR SPECIAL APPLICATIONS

APPROVED UP TO **300 BAR**

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 54)

EN ISO 2503

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.

ALL OUR REDUCERS ARE TESTED INDIVIDUALLY

GAS USED:
CO_2
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

260550

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**

MAXY POWER CONTROL FOR ACETYLENE

261550

261553

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 x2 2** cm - Pack.Weight **11.80 Kg**

IDEAL FOR CUTTING WORKS IN THE DEMOLITION AND STEEL INDUSTRY SECTOR

EN ISO 2503

APRAGAZ Certified

MAXY SMART

Great Italian quality with a small price.

These reducers are all supplied UPON REQUEST with an installed double cap.

MAKE YOUR PRESSURE REDUCER BETTER PROTECT WITH THE VARNISHED STEEL CAGE (SEE PAGE 54)

A new reducer body design has made it lighter without giving up safety. A series of joined components make it extremely cost effective.

The marking on the body indicates gas used. The newly designed knob has been ergonomically improved.

INTEGRATED CAPSULE

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

WARRANTY 3 YEARS

GAS USED:

CO_2

ARGON/MIX

OXYGEN

ACETYLENE

PROPANE

MAXYSMART FOR MIG/MAG/TIG WELDING

APPROVED UP TO **300 BAR**

245200

246200

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 an injector L=110mm

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

240250

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.

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**

241250

241253

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

242350

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**

MAXYSMART WITH 1 FLOW METER

For greater flexibility in welding works, reducers **with flow meter are also available with 0-4 bar pressure flow adjustment knob**. The greater accuracy of the flow meter scale reading is obtained with the knob completely screwed.

246400.98

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
CO2 + 1 FLOW METER	G1/4	245400.98	246401.98	245400.98	245400.98	245409.98	245400.98	245400.98	245405.98
ARGON + 1 FLOW METER	G1/4	246400.98	246401.98	246403.98	245400.98	246409.98	246404.98	245400.98	246400.98

Weight of pressure reducer **1.20** Kg – No.Pcs. **6** – Packaging dimensions (l x w x h) **41 x 29 x 22.5** – Packaging weight **7.70** kg

MAXYSMART WITH 2 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 that also work with different outputs.

246800.98

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
CO2 + 2 FLOW METERS	G1/4	245800.98	246801.98	245800.98	245800.98	245809.98	245800.98	245800.98	245805.98
ARGON + 2 FLOW METERS	G1/4	246800.98	246801.98	246803.98	245800.98	246809.98	246804.98	245800.98	246800.98

Weight of pressure reducer **1.55** Kg – No.Pcs. **6** – Packaging dimensions (l x w x h) **53 x 25 x 38.5** – Packaging weight **9.90** kg

MAXYSMART NITROGEN WITH 2 FLOW METERS

Also available the **nitrogen version**.

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
N2 + 2 FLOW METERS	G1/4	244800.98	244801.98	244803.98	244802.98	244809.98	244804.98	244802.98	244895.98

Weight of pressure reducer **1.52** Kg – No.Pcs. **6** – Packaging dimensions (l x w x h) **53 x 25 x 38.5** – Packaging weight **9.70** kg

EN ISO 2503

MAGNUM SMART

WARRANTY 3 YEARS

Solid, accurate and now with a new design.

63mm diameter pressure gauges for easy pressure reading

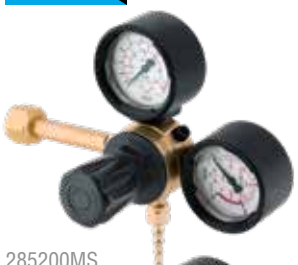
The cover is made of high resistance polymer
The body is machined directly from brass bar.
The front adjusting knob allows easy pressure regulation and has a new design that improves ergonomics.

The marking on the body indicate gas used.

GAS USED:
CO_2
ARGON/MIX
OXYGEN
ACETYLENE
PROPANE

MAGNUMSMART FOR MIG/MAG/TIG WELDING

APPROVED UP TO 300 BAR



285200MS

286200MS

Allow 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 a they have a practical front adjusting knob.

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**

MAGNUMSMART FOR OXY ACETYLENE AND OXY PROPANE WELDING

APPROVED UP TO **300 BAR**

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.

280250MS

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**

281250MS

281253MS

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**

282350MS

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**

MAGNUMSMART FOR SPECIAL APPLICATIONS

APPROVED UP TO **300 BAR**

284250MS

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**

EN ISO 2503

MAGNUM SMART REAR SIDE

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

WARRANTY 3 YEARS

63mm diameter pressure gauges for easy pressure reading

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

The body is machined directly from brass bar

The cover is made of high resistance polymer

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

GAS USED:
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.

280550MS

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**

281553MS

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**

282550MS

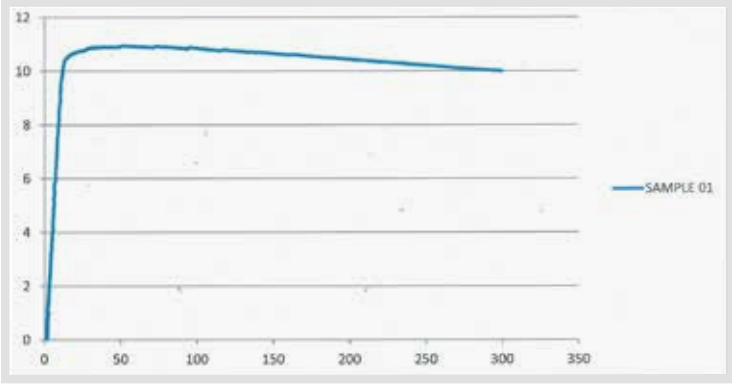
MAGNUMSMART REAR SIDE FOR PROPANE

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**

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.

EN ISO 2503

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

GAS USED:
CO_2
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 CO_2 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 WITH FLOW-METER

Available the version with flow-meter, calibration fixed t 3,5 bar with 0-30L/min scale that is particularly indicated for works in which the measurement of the flow rate requires immediacy and precision. With cap on the gauge.

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

GAS	GAUGES	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
CO_2	H.P. + FLUX	255400.20	256401.20	255400.20	255400.20	255409.20	255400.20	255400.20	255405.20
ARGON	H.P. + FLUX	256400.20	256401.20	256403.20	255400.20	256409.20	256404.20	255400.20	256400.20

Weight of pressure reducer **0.87 Kg** - No.Pcs.**6** - Packaging dimensions (l x w x h) **45 x 30 x 15,5 cm** - Packaging weight **6.00 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 marking on the body.

MINI FOR OXYGEN

250250

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

251250

251253

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**

MINI FOR PROPANE

252350

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**

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

EN ISO 2503

MIGNON

Small reducers with high performance for CO_2 / 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

225200

225300

225000

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

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

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 MIG/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

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 Cylinder110bar 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.

3/8 1/4

CODE	Description	Weight (kg)	No.Pcs.
490480	G1/4	0.03	1
490430	G1/4 LH	0.03	1
490380	G3/8	0.04	1
490330	G3/8 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

299706

Allows for elimination of the "brine" effect on CO_2 reducers. Minimum current consumption.

CODE	Description	Weight (kg)	No.Pcs.
299706	230 VOLT - 75 W	0.85	1

FLOWMETER

R1/4

G1/4 OR G3/8

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 G1/4 + hose connection	0.26	1
290350	Flowmeter G3/8 + hose connection	0.28	1

INJECTOR GASKETS

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

D0932004

D0913000

D0932002

CODE	Description	Weight (kg)	No. pcs.
D0932002I	Gasket for nitrogen injector 19x8.2x3.2 in Teflon. 25 pcs packaging	0.08	1
D0932004I	Gasket for CO_2 /Argon/O_2 /C_2H_2 injector 18.5x11.5x2 in natural polyamide. 100 pcs packaging	0.04	1
D0913000I	Gasket for propane/hydrogen inkector 16.09x10.3x2 in NBR. 100 pcs packaging.	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

WELDING GAUGES

CODE	Description	Pressure	Ø MM	Connection*	Scale	Red sign
OXYGEN HIGH PRESSURE						
Q6030510I	MAXY	HIGH	63	G1/4-R	0-400	300
Q6030510I	MAXY SMART	HIGH	63	G1/4-R	0-400	300
Q6030510I	MAGNUM MARINE	HIGH	63	G1/4-R	0-400	300
Q6030510I	MAGNUM SMART	HIGH	63	G1/4-R	0-400	300
Q6030510I	MAGNUM SMART RS	HIGH	63	G1/4-R	0-400	300
Q6030510I	MAXYMUM	HIGH	63	G1/4-R	0-400	300
Q6030510I	MEGA HP 60	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
Q6160501I	MAXY SMART	LOW	63	G1/4-R	0-16	10
Q6160510I	MAGNUM MARINE	LOW	63	G1/4-R	0-20	12,5
Q6160501I	MAGNUM SMART	LOW	63	G1/4-R	0-16	10
Q6160501I	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
Q6170500I	MEGA HP 60	LOW	63	G1/4-R	0-100	60
Q6161500I	GAS POINT	LOW	63	G1/4-RS	0-16	10
Q6171500I	GAS POINT LASER	LOW	63	G1/4-RS	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
Q6400501I	MAGNUM MARINE	HIGH	63	G1/4-R	0-40	26
Q6400501I	MAGNUM SMART	HIGH	63	G1/4-R	0-40	26
Q6400501I	MAGNUM SMART RS	HIGH	63	G1/4-R	0-40	26
Q6400501I	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
Q6420501I	MAGNUM SMART	LOW	63	G1/4-R	0-2,5	1,5
Q6420501I	MAGNUM SMART RS	LOW	63	G1/4-R	0-2,5	1,5
Q6420501I	MAXY SMART	LOW	63	G1/4-R	0-2,5	1,5
Q6421500I	GAS POINT	LOW	63	G1/4-RS	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 MARINE	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-RS	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 MARINE	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAGNUM RS	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAGNUM SMART	HIGH	63	G1/4-R	0-400	300
Q6030500I	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 60/200	HIGH	63	G1/4-R	0-400	300
Q5000101I	MIGNON	HIGH	50	G1/8-R	0-315	230

***R= radial connection**
***RS= rear side connection**

*R= radial connection
*RS= rear side connection

CODE	Description	Pressure	Ø MM	Connection*	Scale	Red sign
		NITROGEN LOW PRESSURE				
Q6160502I	MAXY	LOW	63	G1/4-R	0-16	10
Q6160510I	MAGNUM MARINE	LOW	63	G1/4-R	0-20	12,5
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	MEGA HP 60	LOW	63	G1/4-R	0-100	60
Q6170500I	MAJOR HP	LOW	63	G1/4-R	0-100	60
Q6521500I	GAS POINT	LOW	63	G1/4-RS	0-6	32 l/min=4bar
Q6171500I	GAS POINT LASER	LOW	63	G1/4-RS	0-100	60
Q5160501I	MIGNON	LOW	50	G1/8-R	0-16	10
		CO_2 / ARGON HIGH PRESSURE				
Q6030500I	MAXY	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAXY SMART	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAGNUM MARINE	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAGNUM SMART	HIGH	63	G1/4-R	0-400	300
Q6030500I	MAGNUM SMART RS	HIGH	63	G1/4-R	0-400	300
Q6030500I	MEGA HP 60	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
		CO_2 / ARGON LOW PRESSURE				
Q6520503I	MAXY	LOW	63	G1/4-R	0-6	32 l/min=4 bar
Q6520503I	MAXY SMART	LOW	63	G1/4-R	0-6	32 l/min=4 bar
Q6520503I	MAGNUM MARINE	LOW	63	G1/4-R	0-6	32 l/min=4 bar
Q6160510I	MAGNUM MARINE	LOW	63	G1/4-R	0-20	12,5
Q6520503I	MAGNUM SMART	LOW	63	G1/4-R	0-6	32 l/min=4 bar
Q6520503I	MAGNUM SMART RS	LOW	63	G1/4-R	0-6	32 l/min=4 bar
Q6170500I	MEGA HP 60	LOW	63	G1/4-R	0-100	60
Q6521500I	GAS POINT	LOW	63	G1/4-RS	0-6	32 l/min=4bar
Q6061500I	GAS POINT WITH FLOW METERI	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
Q6030500I	MEGA HP 60	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
Q6170500I	MEGA HP 60	LOW	63	G1/4-R	0-100	60
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
		AZOIDRO LOW PRESSURE				
Q6170500I	MAJOR HP	LOW	63	G1/4-R	0-100	60


D09430021


D09430011

GAUGES GASKET

CODE	Description	Weight (kg)	No.Pcs.
D09430011	G1/8 Gauges gasket 100 pcs packaging	0,008	1
D09430021	G1/4 Gauges gasket 100 pcs packaging	0,02	1

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
198890	Gauges cage in black varnished steel **only for Maxy and Maxysmart**	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.

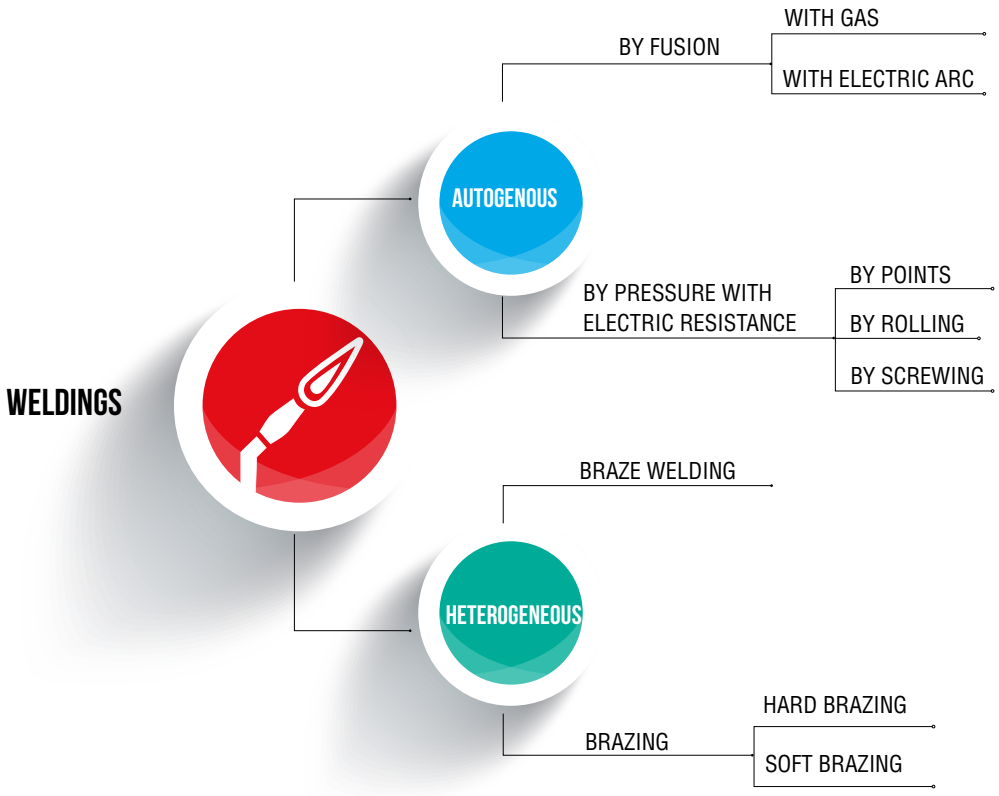
EQUIPMENT	VISUAL INSPECTION - VERIFICATION SEAL TESTING			FREQUENCY OF COMPLETE OVERHAUL OR REPLACEMENT (1)
	EACH TIME THE CYLINDER IS REPLACED OR COMPONENTS ARE CONNECTED	EACH TIME EQUIPMENT IS USED	ANNUALLY	
General, common to all equipment (1)	Follow manufacturer instructions. Always include: Visual 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 (*see below for details for each specific piece of equipment*)	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 (*see below for details for each specific piece of equipment*)	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): (*This check can be made more frequently depending on the conditions of use)*	This check can be made more frequently depending on the conditions of use
Flexible hoses (2)	• 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	• Visual inspection to ensure the proper condition and integrity of hoses (i.e. no shrinkage, cracking, abrasion, etc)	• Visual inspection on bent hoses to determine the absence of tears, bulges, damage and cracks. • Hose seal test at maximum operating pressure	Replacement: • If the visual inspection has detected damage. Or replace every 3 years after commissioning for heavy duty applications (for example at construction sites). • Maximum every 5 years after commissioning in other cases
Safety valves with flashback arrestor and gas return restrictor	Verification: • 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	• Junction seal To be tested at service pressure	• Visual Inspection and seal check outwards at maximum service pressures • Gas return restrictor seal check both at minimum and maximum operating pressures	• 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	• Visual inspection of the conditions of tips, particularly on sealing surfaces. • Junction seal testing at operating pressure.	• Visual inspection of the conditions of tips. • Junction seal testing.	• Complete visual inspection • General external seal testing • Sealing of individual valves (internal)	• 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).

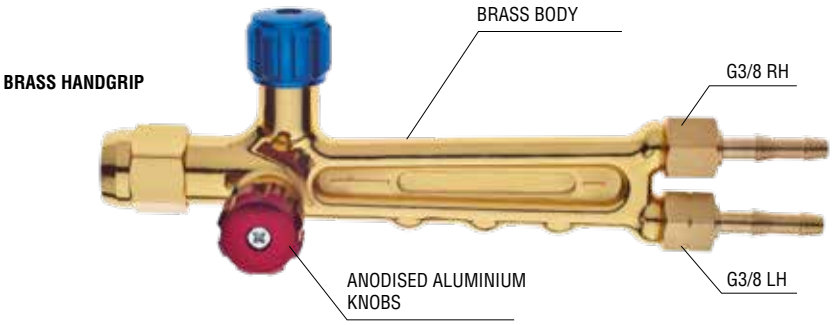
The choice of one welding process with respect to another depends on many factors and must be made considered i.e. **the type of alloy to be welded, the thickness of the parts, the weld position, the type of production (in series or not), and the equipment available in the workshop.**

EN ISO 5172

ONLY FOR FRANCOPHONE COUNTRIES

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	G3/8 RH-G3/8 LH	0.70	1
150500	ALUMINIUM HANDGRIP	M 22X1.25	G3/8 RH-G3/8 LH	0.65	1

SPARE PARTS FOR ALUMINIUM HANDGRIP				
N3708003	Head nut in brass	M22X1.25	0.049	1
N0469000	Complete tap O_2 Aluminium handgrip		0.10	1
N0469001	Complete Gas tap Aluminium Maxi handgrip		0.10	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

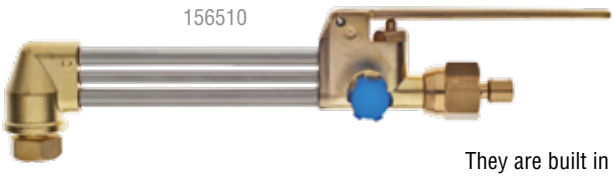
Nozzles should be selected based on cutting thickness and on the gas to be used. AC nozzles are to be used with acetylene, while NX nozzles are used for cutting with propane. They are both two-piece, flat housing nozzles with brass interiors and nickel-plated copper exteriors. Cutting thickness is marked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

156510



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

EN ISO 5172

ONLY FOR FRANCOPHONE COUNTRIES

WELDING MINI

A range complete with handgrips, lances and nozzles for welding up to 12.5 mm and cutting up to 100 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 100mm** 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	G1/4 RH-G1/4LH	0.35	1

SPARE PARTS FOR ALUMINIUM HANDGRIP					
N3708002	Head nut in brass	M20X1.25		0.049	1
N0469001	Complete tap O_2 Aluminium handgrip			0.10	1
N0469000	Complete Gas tap Aluminium Mini handgrip			0.10	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

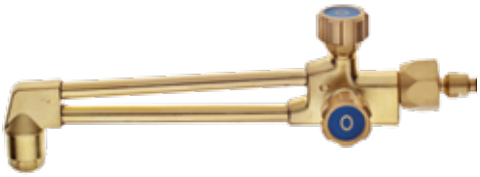
ACETYLENE BENDABLE LANCES

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 100 mm for acetylene and 50 mm for propane. 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
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

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 ISO 5175-1, however should be checked and replaced after each flashback.

GOOD WELDING ALSO EQUALS HIGHER SAFETY!

VALVES TESTED INDIVIDUALLY. SHOULD BE REPLACED EVERY 5 YEARS

SAFETY VALVES

APRAGAZ APPROVED ACCORDING TO EN ISO 5175-1

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 ISO 5175-1), our valves contain:

- Valve model
- The name or brand of the manufacturer
- Standard reference number (EN ISO 5175-1)
- 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 direction of the normal gas flow
- The maximum operating pressure of the valve in bar.

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

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

FLAME BACK ARRESTOR
VALVE FOR HANDLE

CODE	Description	Connection	Weight (kg)	No.Pcs.
150200	Oxygen valve for handle	G1/4	0.11	1
150250	Gas valve for handle	G1/4 LH	0.11	1
150205	Oxygen valve for handle	G3/8	0.12	1
150255	Gas valve for handle	G3/8 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

FLAME BACK ARRESTOR
HANDLE WITH HOSE CONNECTION

CODE	Description	Connection	Weight (kg)	No.Pcs.
150211	Oxygen valve for handle with hose connection	G1/4	0.14	1
150261	Gas valve for handle with hose connection	G1/4 LH	0.14	1
150212	Oxygen valve for handle with hose connection	G3/8	0.15	1
150262	Gas valve for handle with hose connection	G3/8 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	G1/4	0.12	1
150256	Gas	G1/4 LH	0.12	1
150208	Oxygen	G3/8	0.13	1
150258	Gas	G3/8 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 m^3/h oxygen, 5 m^3/h (propane), 5 m^3/h (acetylene)

FLAME BACK ARRESTOR
FIXED FOR REDUCERS

CODE	Description	Connection	Weight (kg)	No.Pcs.
150305	Oxygen	G3/8	0.25	1
150355	Gas	G3/8 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

NEW

FLAME BACK ARRESTOR WITH QUICK COUPLING FOR HANDLE
DOUBLE PROTECTION NON-RETURN SAFETY VALVES (FA-NV)

Equipped with connections with self-closing female quick couplings built according to the EN 561-ISO 7290 standard.
The connections must be completed by means of the respective quick couplings with nut, of which the codes indicated in the section "Quick couplings and quick grips for handle", previously connected to the threaded inlets of the handles.
The quick couplings allow a quick and safe connection of your hoses to the respective equipment. They are equipped with clear labels identifying the type of gas and its flow orientation to ensure correct assembly.

FLAME BACK ARRESTOR

150205RR

150255RR

CODE	Description	Connection	D	No.Pcs.
150210	Oxygen valve	G3/8	R	1
150260	Gas valve	G3/8LH	R	1

QUICK COUPLINGS AND SINGLE PROTECTION (NV) QUICK CONNECTIONS FOR HANDLE

The quick couplings and connections complete the quick connections for Handles.
The quick connections are single protections for the gas return block (NV). The quick couplings are self-closing and manufactured according to the EN 561-ISO 7290 standard.
The image on the side represents the quick connection to the handle with single protection.
The ø8mm hose connector of the quick couplings must be connected to the rubber hoses with strik rings of adequate size.
The quick couplings allow a quick and safe connection for the hoses to the respective equipment.

QUICK COUPLINGS

150205IR 150255IR

QUICK CONNECTIONS

150205PR 150255PR

CODE	Description	Connection	Weight (kg)	No.Pcs.
150205IR	Oxygen quick coupling with nut	G3/8	0.04	1
150255IR	Gas quick coupling with nut	G3/8LH	0.04	1
150205PR	Oxygen quick connection with hose connector ø10mm	Oxygen quick coupling	0.08	1
150255PR	Gas quick connection with hose connector ø10mm	Gas quick coupling	0.08	1

QUICK COUPLINGS AND SINGLE PROTECTION ((NV) QUICK CONNECTIONS FOR REDUCERS

The quick couplings and connections allow a quick use for reducers.
The quick connections are single protections for the gas return block (NV).
The quick couplings are self-closing and manufactured according to the EN 561-ISO 7290 standard.
The ø8mm hose connector of the quick couplings must be connected to the rubber hoses with strik rings of adequate size.
The quick couplings allow a quick and safe connection for the hoses to the respective equipment.

QUICK COUPLINGS

150258IR 150208IR

QUICK CONNECTIONS

150208PR 150258PR

CODE	Description	Connection	Weight (kg)	No.Pcs.
150208IR	Oxygen quick coupling	Hose connection ø10mm	0.015	1
150258IR	Gas quick coupling	Hose connection ø10mm	0.015	1
150208PR	Oxygen connection with quick coupling	Nut G3/8	0.085	1
150258PR	Gas connection with quick coupling	Nut G3/8LH	0.085	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!

STRAIGHT HEAD CUTTER

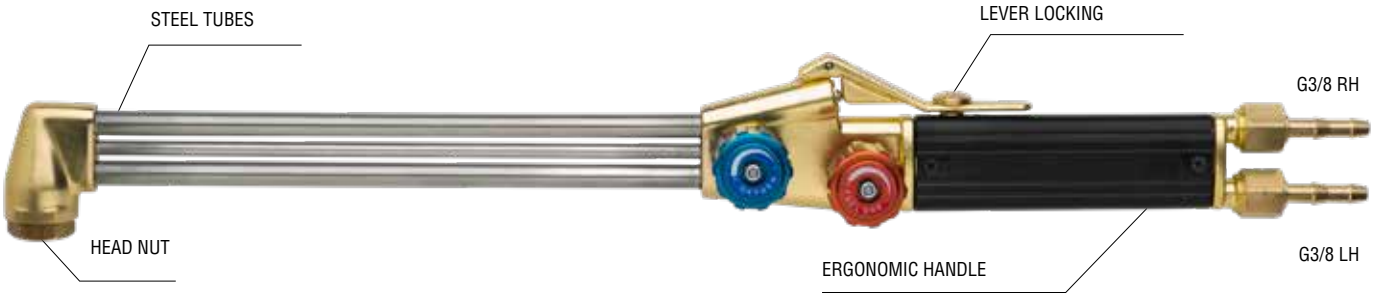
CODE	Description	Length (cm)	Weight (kg)	No.Pcs.
196510	CUTTER 250	50	1.40	1
196530	CUTTER 350	85	2.00	1
196540	CUTTER 450	115	2.35	1
196545	CUTTER 450 STRAIGHT HEAD	115	2.35	1

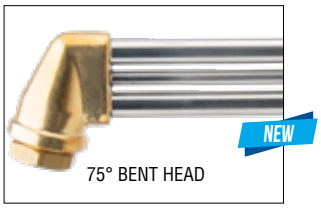
HEAD NUT FOR CUTTER

CODE	Description	Weight (kg)	No.Pcs.
D5338015	Head nut M22X1.5 (CH 24)	0.038	1

ALL THE CUTTER ARE TESTED WITH A PRODUCTION BATCH TO ENSURE TRACEABILITY

CUTTER 300
FOR DEMOLITIONS





The CUTTER 300 cutting torch is the new Oxyturbo torch. It can be used to cut **up to 300mm** thicknesses and uses ANME oxygen/acetylene and PNME tips for oxygen/propane.
Mixing at the tip guarantees maximum operational safety.
The outstanding feature of CUTTER 300 is its practicality; the operator can adjust the gas flow without interrupting the work. The torch also has a device that allows the lever to be locked in applications where a lengthy opening time is required.
Excellent for use on construction sites, in heavy industry and in foundries.
Available in three different lengths: **51, 85 and 100 cm**.

PRACTICAL FLOW REGULATION WITHOUT INTERRUPTION OF WORK

CODE	Description	Length (cm)	Weight (kg)	No.Pcs.
196570	Cutter 300	51	1.35	1
196580	Cutter 300 M	85	1.70	1
196590	Cutter 300 L	100	2.00	1
196610	Cutter 300 75° bent head	85	1.70	1

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

197190	NOZZLES CLEANER SET		0.10	1

GAS CONTROL

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


DVGW
CERT

DIN-DVGW-Baumusterprüfzertifikat

DIN-DVGW type examination certificate

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.

Available in this version:
display 12 pcs. 400 g with acc-u-sol valve

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

CYLINDER HOLDER TROLLEYS

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

TROLLEY 50 L

Oxyturbo offers a series of trolleys to facilitate the transport of cylinders especially large ones.
The new trolley for 50 litre cylinders ø 230 mm has a new chain safety anti-release mechanism; the cylinders containment is possible through a red chain for more visibility.
- The cylinder holder laser cut has a 30/10 thickness. The solid structure is completely welded.
- The new thrust handle allows the trolley to be more ergonomic and safer during the transport.
- The front wheels are made of ø 200mm rubber and the rear swivel wheels are made of rubber and have a ø 125mm intersection.
- Dimensions mm 735x450x1335h
- Dried epoxy powder coating

CODE	Description	Weight (kg)	No.Pcs.
105900	CYLINDER HOLDER TROLLEY 50 L	23.00	1

TROLLEY 14 L

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

TROLLEY 14 L

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

CODE	Description	Cylinder holder ring	Weight (kg)	No.Pcs.
105500	ACETYLENE TROLLEY 5 L	Ø 140-140 mm	3.70	1
105550	PROPANE TROLLEY 5 L	Ø 140-120 mm	3.70	1
105200	TROLLEY 2 L	Ø 120-100 mm	2.20	1

TROLLEY 2 L

Z1800052 Rev.2

oxyturbo®

Gas in Action

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