2022

OXYKLYMA & SPECIAL POURPOSE

PRODUCTS FOR MAINTAINING AIR-CONDITIONING

HELIUM

EMERGENCY PRODUCTS

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.

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The data and images contained in this catalogue are purely indicative and may be subject to change without notice by Oxyturbo SpA. Photographs and descriptions of products do not have any contractual value.

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.

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 required for ordering the product

Description of the individual product

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

OXYKLYMA

For periodic checks of air conditioning systems which are necessary to maintain good efficiency-performance ratios on systems, together with the safety and health of equipment, Oxyturbo proposes the pressure reducers **MEGA HP200**, **MAJOR HP** and **MAXYMUM.**

Kits in the case for car workshops:

Klyma Kit 900 Automotive

Gas leak detector

Kits in the case:

Klyma Kit 1000
Klyma Kit 900
Klyma Kit 800
Klyma Kit 4000

Complete the range some products for research and repair of A/C leaks, the **WASHING KIT** for the internal cleaning of the pipes and a collection of useful spare parts and accessories.

EN ISO 2503

MEGA HP200

Nitrogen reducer (0-200 bar) fits for preventive leak testing and piping cleaning for R744 systems (CO_2)

Ø 63mm pressure gauges supplied with protective cap

R744 systems can be used in a variety of industrial and non-industrial applications, such as the conditioning market for cars and other vehicles, cabinets for supermarkets, containers, and climate-controlled residential systems.
An R744 system reaches a pressure of up to 133 bar. The high pressure in R744 systems corresponds to a high heat dissipation mainly carried out at pressure levels above the critical point. **The Mega HP200 reducer is suitable for verification and maintenance of this system.**

FEATURES

- Body and cover machined directly from brass bar
- Front adjusting knob
- Two Ø 63mm pressure gauges 0-400 bar
- Outlet pressure 200 bar
- Outlet fitting 7/16"-20 UNF (1/4 SAE)

USE

Permits use of nitrogen with an inlet pressure up to 300 bar and enables **outlet supply > 300 m³/h** at 200 bar.

WARRANTY 3 YEARS

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

GAS	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
NITROGEN	294200HP	294209HP	294203HP	294202HP	2942049HP	294204HP	294202HP	294205HP

Weight of pressure reducer **2.15 Kg** - No. Pcs 4 - Packaging dimensions (l x w x h) **30.5 x 45.5 x 16.5 cm** - Packaging weight **8.80 Kg**

EN ISO 2503

MAJOR HP

The professional reducer for your conditioning system.

The new Major HP professional reducer is ideal for use with nitrogen air conditioning system testing. Practical, small and handy, the reducer is supplied with 2 63mm diameter pressure gauges and a 1/4 SAE outlet fitting to which the 5/16 SAE fitting, sold separately, can be attached. The Major HP can also be supplied with a fastening support and protection for a host of heavy duty uses.

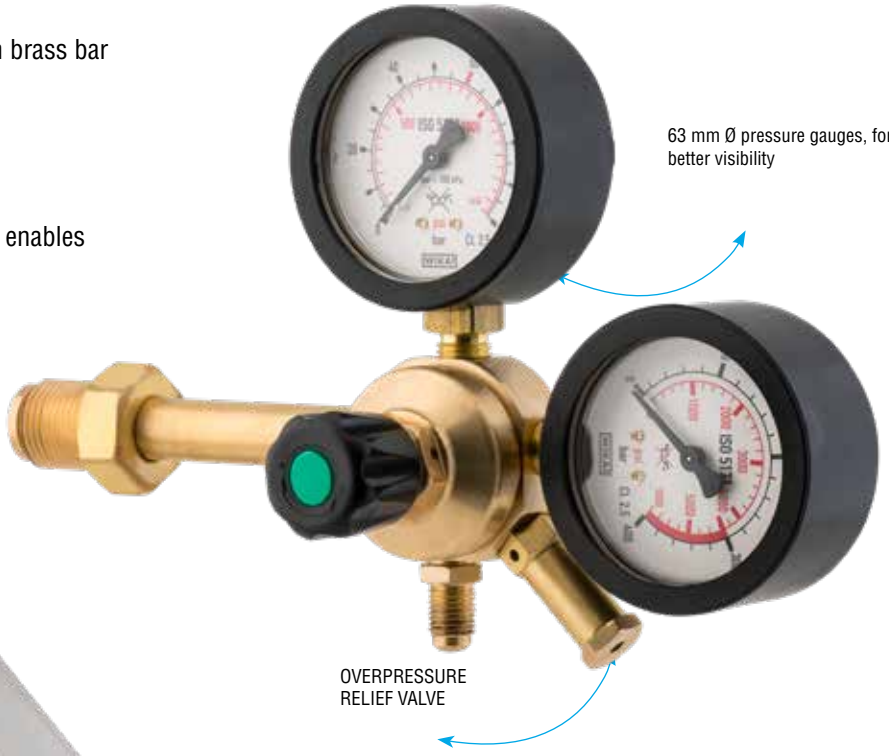
FEATURES

- Body and cover machined directly from brass bar
- Front adjusting knob
- Two 63 mm Ø pressure gauges
- Outlet pressure 60 bar

USE

Permits use of nitrogen up to 300 bar and enables **outlet supply up to 50 m³/h**.

WARRANTY 3 YEARS



ARMOURED MAJOR HP 60BAR

The Major HP is also available in an "armoured" version without caps but does however come with a **stainless steel polished plate** to protect pressure gauges from impact.

GAS USED:
NITROGEN
AZOIDRO*

APPROVED UP TO **300 BAR**

P1 Inlet pressure 300 bar - P2 Outlet pressure 60 bar - Q1 standard delivery flow 50 m³/h

GAS	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
NITROGEN AND AZOIDRO*	394220	394221	394223	394222	394224	394221	394222	394225
Weight of pressure reducer **0.96 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **6.00 Kg**								
ARMOURED MAJOR HP								
NITROGEN AND AZOIDRO*	394220.99	394221.99	394223.99	394222.99	394224.99	394221.99	394222.99	394225.99
Weight of pressure reducer **1.20 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **53 x 25 x 37 cm** - Packaging weight **7.50 Kg**								

***95% NITROGEN - 5% HYDROGEN**

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.

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:
NITROGEN

WARRANTY 3 YEARS

MAXYMUM REDUCER TECHNICAL FEATURES

- Approved by APRAGAZ for input pressure **p1=300 bar**
- The solid body made of brass bar guarantees resistance to hydraulic pressure of 450 bar without permanent deformation
- In addition to high-pressure and low-pressure machine marking, two threaded holes are present in the rear of the reducer body which allows reducer fastening for fixed wall applications.
- The high-pressure capsule is equipped with a new constant, limited high pressure tablet compression system. Combined with a piston pressure adjustment system, constructed entirely in brass, which ensures the best resistance even for the most heavy duty uses
- The pressure adjustment system, made with a plastic knob combined with an unremovable adjusting screw, can easily be used to reach the desired pressures.
- The safety valve used to discharge overpressure in case of high pressure system breakage has been approved in accordance with EN ISO 2503.
- The injector connecting to the cylinder enables connection to cylinders with all types of valve protections present on the market.
- The easy to read 63 Ø pressure gauges are protected by suitably sized protective caps.
- MAXYMUM reducers are packaged in a lithographed box with double die-cut protection to prevent collisions caused during transport.
- Used in a host of applications thanks to its versatility.

MAXYMUM 100 - 60 - 40 - 20 BAR

APPROVED UP TO **300 BAR**

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.

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

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

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

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

GAS	OUTLET	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
NITROGEN	1/4 SAE + 5/16 SAE	294200	294209	294203	294202	2942049	294204	294202	294205

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

MAXYMUM 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

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

MAXYMUM 20 BAR Low pressure gauge 0-40 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

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**

FOR HVAC/AUTOMOTIVE

KLYMA KIT 900 *Automotive*

A new line of kits with Azoidro designed for verification and maintenance of the air conditioning systems in the automotive sector, available in versions with or without an electronic leak detector.

Oxyturbo offers a complete range of all the elements to allow you to test the car's climate control circuits.
This equipment, packed in handy and lightweight cases, is suitable for the detection of refrigerant leaks in A/C systems using an eco-friendly and non-flammable gas mixture
(**Azoidro = 95% Nitrogen / 5% Hydrogen**).

The quick connections in the kit enable its application with old and new systems

MAJOR HP 60 bar

KLYMA KIT 900 AUTOMOTIVE COMPLET

A polypropylene case containing everything necessary for checking the air conditioning system of a car. In addition to the handy electronic leak detector, it contains a 2.2 litre azoidro cylinder, a Major HP pressure reducer with a flow rate of 50 m3/h at a pressure of 60 bar, and two high and low pressure valves with quick connection. I**ncluded you can find the batteries and a and a container for leak detection check**.

EQUIPPED WITH:

- MAJOR HP 60 bar pressure reducer
- Disposable azoidro cylinder 2.2 litres – 110 bar
- Universal electronic leak detector
- Pressure gauge ø 80 mm class 1.0 with pipe and valve
- Flexible hose 1/4 SAE, L=2500 mm
- Adapter W21,8 F - M10x1 F
- Kit 1/4 SAE F – 5/16 SAE M fittings
- 1/4 SAE M – 5/16 SAE F fitting
- Batteries for universal electronic leak detector
- HP 1/4 SAE – R134 A quick coupler
- HP 1/4 SAE – R1234 YF quick coupler
- M12X1,5 M - 1/4 SAE M adaptor

Description	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
KLYMA KIT 900 AUTOMOTIVE C.	KK900AC	KK900AC.DE	KK900AC.GB	KK900AC.FR	KK900AC.NL	KK900AC.DE	KK900AC.FR	KK900AC.US

Weight of kit **7.00 kg** - No.Pcs. **1** - packaging dimensions (l x w x h) **53.5 X 43.5 X 15.5 cm** - packaging weight **7.20 kg**

KLYMA KIT 900 AUTOMOTIVE

A polypropylene case containing everything necessary for checking the air conditioning system of a car. The equipment it contains performs a leak test of the system. The case is also designed to contain, if required, a 2.2-litre azoidro cylinder (supplied separately) instead of the 1-litre version simply by removing a part of the internal casing. The Major HP pressure reducer has a flow rate of 50 m^3/h at a pressure of 60 bar.

EQUIPPED WITH:

- MAJOR HP 60 bar pressure reducer
- Disposable azoidro cylinder 1 litre – 110 bar
- Pressure gauge ø 80 mm class 1.0 with pipe and valve
- Flexible hose 1/4 SAE, L=2500 mm
- Adapter W21,8F - M10x1 F
- Kit 1/4 SAE F – 5/16 SAE M fittings
- 1/4 SAE M – 5/16 SAE F fitting
- HP 1/4 SAE – R134 A quick coupler
- HP 1/4 SAE – R1234 YF quick coupler
- M12X1,5 M - 1/4 SAE M adaptor

Description	UNI	DIN	BS	NF	NEN	SS	MIE	CGA US
KLYMA KIT 900 AUTOMOTIVE	KK900I	KK900I.DE	KK900I.GB	KK900I.FR	KK900I.NL	KK900I.DE	KK900I.FR	KK900I.US

Weight of kit 4.80 **kg** - No.Pcs. **1** - packaging dimensions (l x w x h) **53.5 X 43.5 X 15.5 cm** - packaging weight **5.00 kg**

KLYMA KIT 007 - LEAK TESTER

Klyma Kit 007 is a universal electronic leak detector designed to detect not only a mixture of azoidro but also a number of refrigerant gases (R134A – R404A – R407C – R410A – R22 – R1234yf, etc.) that guarantees the detection of leakages of less than 5 ppm (2g/year).
Powered by 4 AA alkaline batteries (6V DC) included. It has 3 sensitivity levels with a three-colour LED indicator bar and a battery status indicator which lasts approximately 7 hours with normal use.
The reduced heating time (approx. 45 seconds) and the practical ergonomic handle make it easy to use.
Supplied in a convenient plastic case for storage and transportation, **including batteries and a cylinder for leakage detection.**

CODE	Description	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
KK007	Klyma Kit 007 - Leak tester	1.00	1	33X25X7	1.00

EN ISO 2503

KLYMA KIT

Practical kits containing all the equipment you'll need for checking and maintaining air conditioning systems.

CAN BE USED FOR:

- Pressure loss monitoring of HVAC and A/C systems
- HVAC and A/C system washing
- Flushing during welding in HVAC and A/C systems
- Pressure switch calibration testing
- Pressure gauge calibration testing

The term **flushing** means the removal using fluid transport of contaminants of various natural bodies present within piping and/or equipment. To achieve this result the carrier fluid is released into circulation by means of suitable pumps to meet these conditions ensuring that certain turbulent flow conditions are met and are suitable for transporting contaminants. Flushing operations mainly involve hydraulic and lubrication circuit piping.

HVAC is an English abbreviation, widely used in all fields of industry, which stands for *Heating, Ventilating and Air Conditioning.*

KLYMA KIT 1000

The professional equipment contained in the Klyma 1000 Kit allows for tightness testing of the system, together with its washing during any welding operations with slight nitrogen flushing. The case has been designed to hold, as required, a 2.2 litre nitrogen cylinder (supplied separately) in place of a 1-litre cylinder, by simply removing part of the inner die cut.
The Maxymum pressure reducer has a flow rate of 150 m^3/h at a pressure of 60 bar.

EQUIPPED WITH:

- MAXYMUM 60 bar nitrogen pressure reducer
- Disposable 1 L - 110 bar nitrogen cylinder
- 80 mm diameter, class 1.0 pressure gauge
- 1/4 SAE, 2500 mm flexible hose
- Adapter for disposable cylinder
- 1/4 SAE F - 5/16 SAE M adapter
- 1/4 SAE M - 5/16 SAE F adapter.

MAXYMUM 60 bar

Description	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
KLYMA KIT 1000	KK1000	KK1000.DE	KK1000.GB	KK1000.FR	KK1000.NL	KK1000.DE	KK1000.FR	KK1000.US

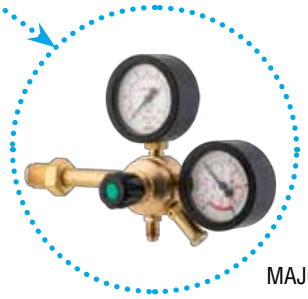
Weight of kit **5.00 kg** - No.Pcs. **1** - packaging dimensions (l x w x h) **53.5 X 43.5 X 15.5 cm** - packaging weight **5.20 kg**

KLYMA KIT 900

The Klyma Kit 900 comes with a shockproof case which encloses everything professionals need for conditioning system testing. The equipment contained in the case allows for tightness testing of the system as well as its washing during any welding operations with slight nitrogen flushing. The Klyma Kit 900 case has also been designed to contain, as needed, a 2.2 litre nitrogen cylinder (supplied separately) in place of a 1-litre cylinder, simply by removing a part of the inner die cut. The Major HP pressure reducer has a flow rate of 50 m^3/h at a pressure of 60 bar.

EQUIPPED WITH:

- MAJOR HP 60 bar nitrogen pressure reducer
- Disposable 1 L - 110 bar nitrogen cylinder
- 80 mm diameter, class 1.0 pressure gauge
- 1/4 SAE, 2500 mm flexible hose
- Adapter for disposable cylinder
- 5/16 SAE F - 1/4 SAE M adapter
- 5/16 SAE M - 1/4 SAE F adapter

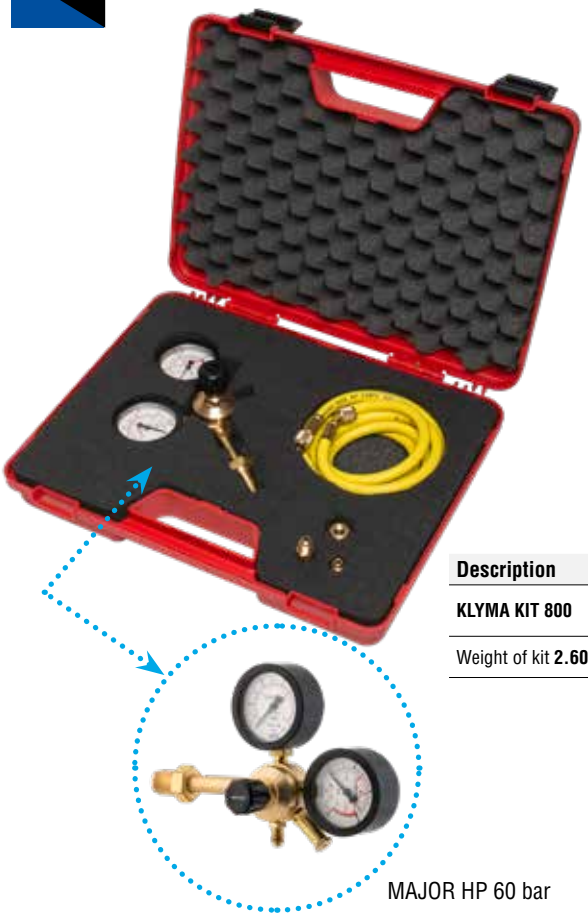


MAJOR HP 60 bar

Description	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
KLYMA KIT 900	KK900	KK900.DE	KK900.GB	KK900.FR	KK900.NL	KK900.DE	KK900.FR	KK900.US

Weight of kit **4.50 Kg** - No.Pcs. **1** - Pack. dimensions (l x w x h) **53.5 x 43.5 x 15.5 cm** - Pack.weight **4.70 Kg**

KLYMA KIT 800



The Klyma Kit 800 has a practical polypropylene case which includes accessories for professional testing of air conditioning systems. The nitrogen cylinder is not supplied with the kit but is sold separately. The Major HP pressure reducer has a flow rate of 50 m^3/h at a pressure of 60 bar.

EQUIPPED WITH:

- MAJOR HP 60 bar nitrogen pressure reducer
- 1/4 SAE, 2500 mm flexible hose
- Adapter for disposable cylinder
- 5/16 SAE F - 1/4 SAE M adapter
- 5/16 SAE M - 1/4 SAE F adapter

Description	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
KLYMA KIT 800	KK800	KK800.DE	KK800.GB	KK800.FR	KK800.NL	KK800.DE	KK800.FR	KK800.US

Weight of kit **2.60 Kg** - No.Pcs. **2** - Pack. dimensions (l x w x h) **41 x 36 x 24 cm** - Pack.Weight **5.40 Kg**

MAJOR HP 60 bar

KLYMA KIT 4000

Kit in polypropylene case to have everything needed close at hand for the testing and filling of HVAC and A/C systems. It contains a MAJOR HP 60 bar reducer and a series of accessories for use with a **refillable nitrogen or azoidro cylinder**. (Azoidro = 95% N2, 5% H2)

EQUIPPED WITH:

- MAJOR HP 60 bar nitrogen pressure reducer
- Pressure gauge ø 80mm class 1.0
- 1/4 SAE flexible hose, L=2500mm
- Adapter 5/16 SAE F - 1/4 SAE M

Description	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
KLYMA KIT 4000	KK4000	KK4000.DE	KK4000.GB	KK4000.FR	KK4000.NL	KK4000.DE	KK4000.FR	KK4000.US

Weight of kit **2.80 kg** – No.Pcs. **1** – packaging dimensions (l x w x h) **34 X 13.5 X 29.5 cm** – packaging weight **3.00 kg**

MAJOR HP 60 bar

RESEARCH AND REPAIR
OF AIR CONDITIONING LEAKS

For a completely functional and efficient A/C system.

The refrigerant in an air conditioner is one of the most important parts of the A/C system. It is what keeps the air conditioning system working. These products allow technicians to perform leak tests, identify even micro-leaks and repair them.

UNIVERSAL UV ADDITIVE (PAG BASED)

9C11.003

The simplest and cheapest way to find refrigerant gas leaks in automotive air conditioning and refrigeration systems.
These are special UV fluorescent contrast liquids that allow you to highlight leaks in the AC/R system by using a special UV lamp.

COMPLIANT WITH SAE J2297 REGULATIONS AND SAE J2298

Suitable for both R134A and R1234YF gas.

> Available in two-cap bottles with dispenser (250 ml) and in single-dose syringes of 7.5 ml with adapters for the 2 types of gas.
> At the end of the work, Oxyturbo offers the cleaner in a 750ml spray pack for removing the tracer from the system

9C11.824K

9C11.192

CODE	Description	Volume (ml)	No.Pcs.
9C11.003	Universal UV additive	250	12
9C11.824K	Kit 12 syringes of UV additive + 2 adapters	7,5 X 12	1
9C11.192	UV additive remover	750	1

UV LAMP AND PROTECTIVE GLASSES

9C12.011

This pocket 12 LED UV lamp is specially designed for finding refrigerant gas leaks in refrigeration systems. It emits a special beam of ultraviolet light that makes the UV additive previously sprayed on the system fluorescent, allowing you to easily identify the leak. It has an aluminum case and is powered by 3 AAA batteries.
When using this lamp, UV protective goggles should always be worn.

9C12.009

CODE	Description	No.Pcs.
9C12.009	12 LED UV lamp	1
9C12.011	UV glasses	1

LEAK STOP

9C11.013

9C11.013YF

This product has been designed for fast repair of micro-leaks in automotive A/C systems.
Once introduced into the system, it circulates until it finds the leak hole and when it comes out it reacts with the air, hardening and plugging the leak.
The can does not contain propellants but its contents are sucked into the A/C system after creating the vacuum of the system. It is also very useful for preventive repairs.

Available in the version for gas R134A and for gas R1234YF

CODE	Description	Volume (ml)	No.Pcs.
9C11.013	Leak stop for R134A	30	12
9C11.013YF	Leak stop for R1234YF	30	12

UNIVERSAL LUBRICANTS FOR VACUUM PUMPS

9C11.502

9C11.508

100% synthetic lubricants compatible with both R134A and R1234YF gases systems.
Available in two versions:

> **PAG LUBRICANTS** based on polyalkylene glycols particularly suitable for refrigeration compressors and in cases of strong temperature variations (from -30 ° C to + 50 ° C). They provide excellent protection against rust, corrosion and wear and prevent the formation of foam.

> **POE LUBRICANTS** based on synthetic and biodegradable polyesters designed for use in refrigeration and air conditioning systems loaded with alternative refrigerants that are not harmful to the ozone layer. They feature rust and corrosion protection for metals and are compatible with elastomers and paints.

CODE	Description	Volume (ml)	No.Pcs.
9C11.502	PAG LUBRICANT ISO68	1000	12
9C11.508	POE LUBRICANT ISO80	250	12

ITEMS FOR MAINTENANCE AND REFILL

Practical kits to always have at hand everything you need for the maintenance and recharging of the A/C systems.

CODE	Description	Dimension (cm)	No.Pcs.
9C88.180	Kit HNBR O-rings	18 X 12 X 3	1
9C88.190	Kit special sealing gaskets	18 X 12 X 3	1
9C88.205	Kit valve core	18 X 12 X 3	1

9C88.180

9C88.190

9C88.205

FOR CONDITIONING

WASHING KIT

Practical kit containing all the equipment you'll need for internal washing of air conditioning systems.

A compact and functional kit for internal washing of copper pipes and evaporators in civil, industrial and automotive conditioning systems. With a pressure of 10 bar, it completely removes impurities deposited within the system. The convenient basket and its light weight make it suitable for use even in cumbersome situations.

EQUIPPED WITH:

- **MIGNON** 10 bar M10x1right nitrogen pressure reducer with 2 pressure gauges
- 1 L – 110 bar disposable nitrogen cylinder
- Empty aluminium container for detergent liquid
- 6mm diameter Rilsan capillary hose for connection between cylinders
- 1/4 SAE F - 1/4 SAE F - L = 1000mm hose
- Washing gun

CODE	Description	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
KKW900	WASHING KIT	3.0	1	41 x 29 x 22	3.0

WASHING LIQUIDS FOR A/C SYSTEMS

Oxyturbo offers a washing liquid in 2 different formats specially formulated for the cleaning and washing of automotive systems, pipes and refrigeration lines and also during retrofit operations. It removes all traces of grease, dust and lubricants without leaving any residue inside the lines thanks to their high degree of evaporability.

BELNET is a flammable washing liquid that cannot be used with electric automatic washing Systems.

BELNET

CODE	Description	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
WL0001	BELNET washing liquid 1l	0.80	12	36 X 29 X 25	9.70
WL0005	BELNET washing liquid 5l	4.80	2	30 X 21 X 29	8.10

MIGNON NITROGEN REDUCERS FOR DISPOSABLE CYLINDERS

324280

The most compact reducers ever made for flushing air conditioning systems. Supplied with 50mm diameter easy-to-read pressure gauges to help professionals perform easy, immediate cleaning.
The Mignons are supplied with a free outlet but a 1/4 SAE outlet connection is available on request.

CODE	Description	Connection	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
324280	MIGNON Nitrogen 2 gauges	M10X1RH	0.50	30	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

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

C1198408

CODE	Description	Connection	Weight (kg)	No.Pcs.
C1198408	Nickel-plated connection	7/16"-20UNF (1/4 SAE) - G1/8	0.019	1

SPARE CYLINDER PARTS

The widest range of disposable bottles for air conditioning system installers and maintenance workers.
These days less waste is produced using the 2,2 litre bottle

484300 484400

CODE	Description	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
484300	Nitrogen cylinder 1 L - 110 bar m10x1 rhi	1.30	12	32 X 24 X 34	15.80
484400	Nitrogen cylinder 2.2 L with foot stand - 110 bar m10x1rhi	4.00	4	24 X 24 X 40	16.20
488300	Azoidro cylinder 1 L - 110 bar m10x1 rhi	1.30	12	32 X 24 X 34	15.80
488400	Azoidro cylinder 2.2 L - 110 bar m10x1 rhi with foot stand	4.00	4	24 X 24 X 40	16.20

**Nitrogen 95% - Hydrogen 5%*

KLYMA KIT SPARE PARTS

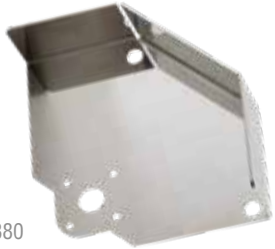
CODE	Description	Weight (kg)	No.Pcs.
458900.MAN	100mm flexible hose with pressure gauge and tap	0.35	1
458900.25	2500mm (1/4 SAE F - 1/4 SAE F) flexible hose	0.30	1
198880	Sainless steel polished pressure guage protection plate for Major HP	0.29	1
411000	1/4 SAE M - R 134A High Pressure quick coupler	0.15	1
411001	1/4 SAE M - R 134A Low Pressure quick coupler	0.15	1
411002	M12x1.5 F - R1234YF High Pressure quick coupler + C1999071	0.15	1
411003	M12x1.5 F - R1234YF Low Pressure quick coupler + C1999071	0.15	1
C1999071	Adapter M12x1.5 M - 1/4 SAE M	0.15	1
D0912003	Neoprene 1/4 SAE seal (5 pcs. pack)	0.005	1

D0912003

458900.MAN

458900.25

C1999071



198880

411000

411002

411001

411003

KLYMA KIT ADAPTERS FOR DISPOSABLE CYLINDERS

490990

CODE	Description	Weight (kg)	No.Pcs.
490990	M10x1Rhi - W21.80 Rhi x 1/14" Rhi UNI adapter complete with gasket	0.09	1
490992	M10x1Rhi - W24.32 Rhi x 1/14" Rhe DIN-NEN-SS adapter complete with gasket	0.09	1
490993	M10X1Rhi - G5/8 BSP RHI BS adapter complete with gasket	0.09	1
490983	M10x1Rhi - W21.80 Rhi x 1/14" Rhe NF-MIE adapter complete with gasket	0.07	1
490995	M10x1Rhi - CGA580 Rhi CGA adapter complete with gasket	0.09	1

PRODUCTS FOR HELIUM

Helium is the second most common element in the universe after hydrogen. Given its low density, it is an excellent albeit expensive substitute. Unlike hydrogen, it has the advantage of not being flammable and is therefore considered safer. It is an inert gas, so it does not react unless subjected to high pressures and to very low temperatures and has an extremely low boiling point. This makes it ideal for many applications including the inflation of aerostatic balloons and balloons for fun.

EN ISO 2503

WARRANTY 3 YEARS

MAJORFLY

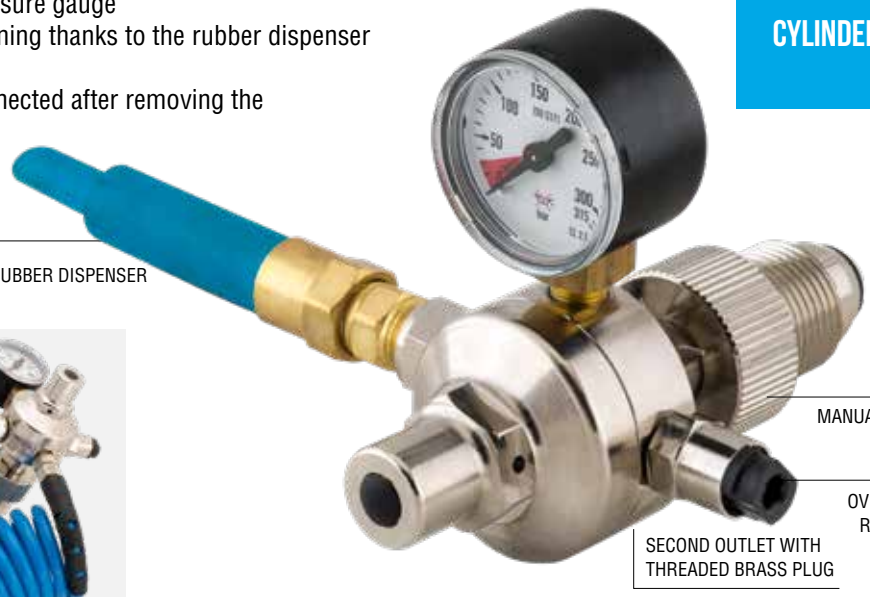
The practical, fast way to inflate your balloons

Oxyturbo offers a new helium reducer with a plastic dispenser for latex, PVC and mylar balloons with pressure gauge for cylinder pressure control. Convenient, fast, practical and safe it comes with a refillable cylinder connection. It is available also with an air gun, easily connectable to the second low pressure opening of the reducer. The second opening is easily accessible disassembling the safety brass plug.

FEATURES

- Body and cover machined directly from brass bar
- 40 mm diameter high pressure gauge
- Quick but progressive opening thanks to the rubber dispenser
- Calibration fixed at 5.5 bar
- The air gun should be connected after removing the threaded brass plug.

FOR REFILLABLE CYLINDERS ONLY



459560

K pressure reducer class 4 - P1 Inlet pressure 200 bar - P2 Outlet pressure 5.5 bar - Q1 standard delivery flow 5 m³/h

GAS	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
HELIUM	237194.01	237199.01	237193.01	237199.01	237197.00	237195.01	237192.01	237196.01

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 **12.20 Kg**

CODE	Description	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
459560	Spiral kit 6m ø8x5 with air gun	0.50	6	23 x 25 x 12	3.80

CYLINDERS FOR HELIUM

487400

These are full helium gas cylinders supplied in the 110-bar disposable version with **2 dispensers**.
The 2.2 litre cylinder is also supplied with a pack of 30 balloons and ribbon.

CODE	Description	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
487300	Helium cylinder 110bar M10x1 950 ml	1.30	12	31 x 23 x 34	15.80
487400	Helium cylinder 110bar M10x1 2,2 L with foot stand and accessories	3.10	4	24 x 24 x 40	12.60

EMERGENCY PRODUCTS

A series of accessories for professionals in the safety and fire-fighting industry

Technological research and the continuous development of innovative products allow us to be a customer-oriented company. At Oxyturbo we have created a series of products to serve the safety industry and professionals responsible for the installation, and maintenance of fire-fighting and emergency devices.
Here is a list of some of our flagship products:

- **Maxy Lift: The reducer for pneumatic lifting units. Indispensable for lifting heavy weights or creating room between heavy and hard items**
- **Maxy Plus: For pressurising fire extinguishers after the refilling process**
- **Bioflamme: To safely ignite fire simulation tanks**

EN ISO 2503

MAXY LIFT

Power system for emergency interventions

FEATURES

This kit includes: a MAXY POWER CONTROL pressure reducer for industrial compressed air with a capacity of 60 m³ at a pressure of 14 bar, a 2 metre-long rubber inflating pipe and a quick coupling for insertion in lifting bags or emergency equipment. The reducer reduces the high pressure of the compressed air inside the cylinder down to a suitable operating pressure. The air pressure is kept constant even when the air flow varies.

The pipe complies with standard ISO 1307 for operating pressures up to 20 bar.

WARRANTY 3 YEARS

K pressure reducer class 4 - P1 Inlet pressure 300 bar - P2 Outlet pressure 14 bar - Q1 standard delivery flow 60 m³/h

GAS	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
AIR	268500.OXY	268503.OXY	268503.OXY	-	268509.OXY	268503.OXY	268508.OXY	268501.OXY

Weight of pressure reducer **2.10 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **41 x 29 x 22 cm** - Packaging weight **12.80 Kg**

EN ISO 2503

MAXY PLUS

Reducer for pressurising fire extinguishers

Standard UNI 9994 describes 4 maintenance stages for fire extinguishers (surveillance, control, revision, and final testing) and indicates the frequency with which they must be carried out. Maintenance technicians must always have a pressure reducer at hand to pressurise fire extinguishers with nitrogen. Oxyturbo have designed a professional reducer to be used with refillable nitrogen cylinders.

WARRANTY 3 YEARS

FEATURES

- The body and cover originate from a brass mould
- Gas flow adjustment knob
- Two 63 mm Ø pressure gauges
- 5 m Rilastollan spiral pipe (Ø 8x5)
- Flashback arrestor valve on the open/close tap of the pipe

USE

Permits use of nitrogen up to 300 bar and enables outlet supply up to 20 bar. The spiral pipe has a 1/4MG connection and is equipped with an open/close tap to facilitate the use of the reducer.

K pressure reducer class 5 - P1 Inlet pressure 300 bar - P2 Outlet pressure 14 bar - Q1 standard delivery flow 60 m³/h

GAS	UNI	DIN	BS	NF	NEN	SS	MIE	CGA
NITROGEN	264500MP.20	264501MP.20	264503MP.20	264502MP.20	264509MP.20	264504MP.20	264502MP.20	264508MP.20

Weight of pressure reducer **1,85 Kg** - No.Pcs. **6** - Packaging dimensions (l x w x h) **53 x 25 x 37.5 cm** - Packaging weight **11.30 Kg**

IGNITION ROD

Flame simulator ignition rod

It is a practical and safe solution to ignite the flame of the fire simulator tank without risks and at a safe distance. The rod is 75 cm long and incorporates a piezo ignition. It also features a practical anti-slip handgrip.

FEATURES

- Pin point burner (Ø 25mm)
- Equipped with flame adjustment tap
- Powered with a propane/butane cartridge with a 7/16” valve

To be used outdoors, or in well-ventilated environments only.

CODE	Description	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
571860	Ignition rod with 1 gas cartridge in colour box	1.48	5	80.5 x 38 x 22	7.60

GAS CARTRIDGES

Gas cartridges (Ø 65) are equipped with a 7/16” valve to loosen them from the appliance, even when they are not completely empty. They contain a propane/butane gas mixture

CODE	Description	Weight (kg)	No.Pcs.	Pack.Dim. (cm)	Pack.Weight (kg)
483150	Propane/butane 30/70 gas cartridge 330g	0.46	24	42 x 29 x 28	11.30

THERE IS AN ENTIRE COMPANY IN EVERY OXYTURBO PRODUCT

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

Z1800051 Rev.2

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