

OXYWAY pressure reducer

The right pressure in emergency situations



OXYWAY pressure reducer

Our rugged, durable and lightweight pressure reducers are second to none

Everyday critical situations in emergency medical care often require you to act quickly – and our pressure reducer is designed to enable you to do just that! OXYWAY enables optimum oxygen dosage. Whether you are looking to deploy medical devices or administer directly to patients, we offer three types of pressure reducer or flow regulator for central gas supply systems, so that you can choose the one most suited to your requirements.



OXYWAY Fast

Very easy handling thanks to incrementally preset regulation of oxygen flow.



OXYWAY Fix

Fast handling thanks to fixed regulation of oxygen flow.



OXYWAY Fine

Precise oxygen administration thanks to infinitely variable flow regulation.



OXYWAY Click

Flow regulator – for the measured flow of oxygen via central gas supply systems in ambulances and clinics.



Your benefits at a glance

OXWAY meets the particularly demanding requirements of the emergency medical services

- Long service life thanks to rugged metal housing
- No compromises: lightweight in spite of robust brass design
- High resistance to disinfectants thanks to the use of aluminum and brass
- Highly precise and stable flow
- Easy-to-read values thanks to digits lasered onto the adjustable multistep flow selector
- Versatile application – either for direct oxygen inhalation or for the supply of ventilators

With OXYWAY you're on the safe side – both as patient and user

- Intuitive operation – for simple and safe handling
- Optimum protection against contamination thanks to double sintered filter
- High level of operating safety due to the use of corrosion-resistant and oxygen-compatible materials
- Fire protection prioritized: thanks to ultrasound-tested high-pressure housing and certified ignition test

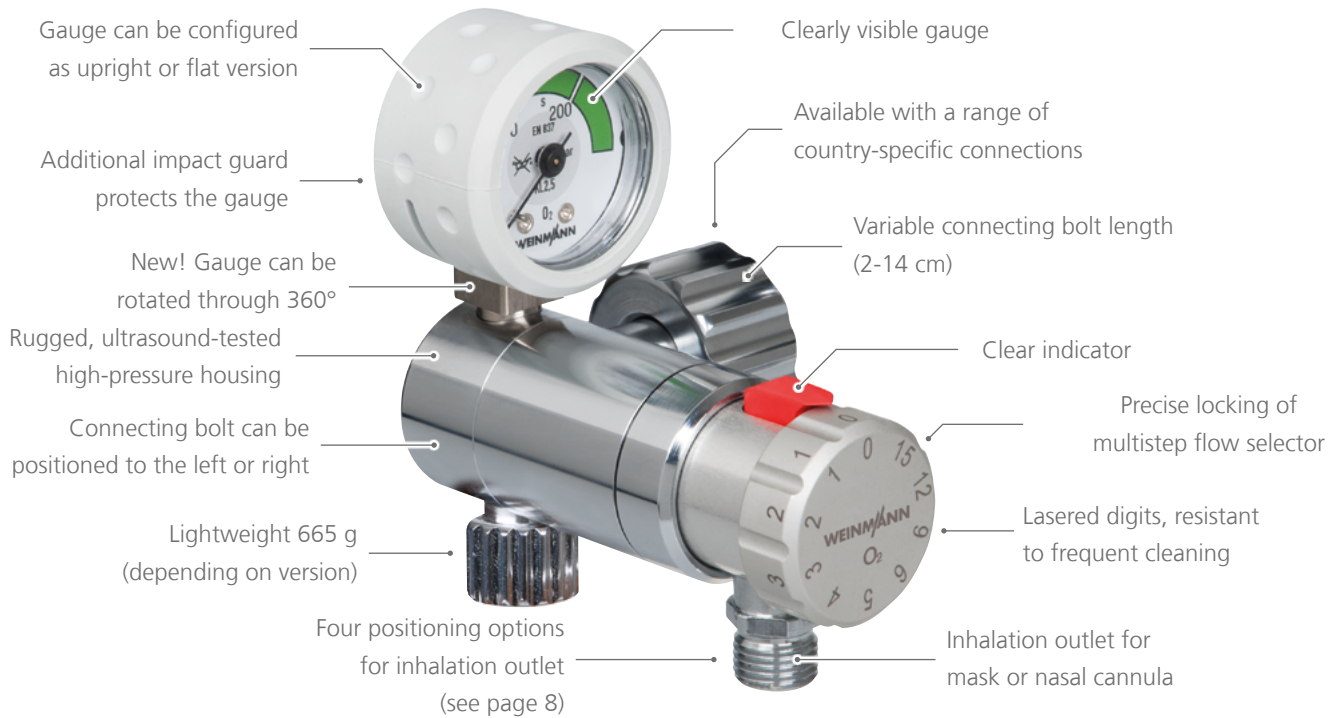
WEINMANN Emergency as a matter of course

- Compatible with MEDUMAT ventilators
- Can be mounted on LIFE-BASE portable systems and in O₂ Box Rescue or included in the ULM CASE, RESCUE-PACK or OXYBAG
- Pressure outlets, international connections, flow indicator or contents gauge – OXYWAY is available in a huge range of configurations

Save
money and effort.
OXYWAY pressure
reducers have an extended
maintenance interval of
six years!



OXYWAY Fast



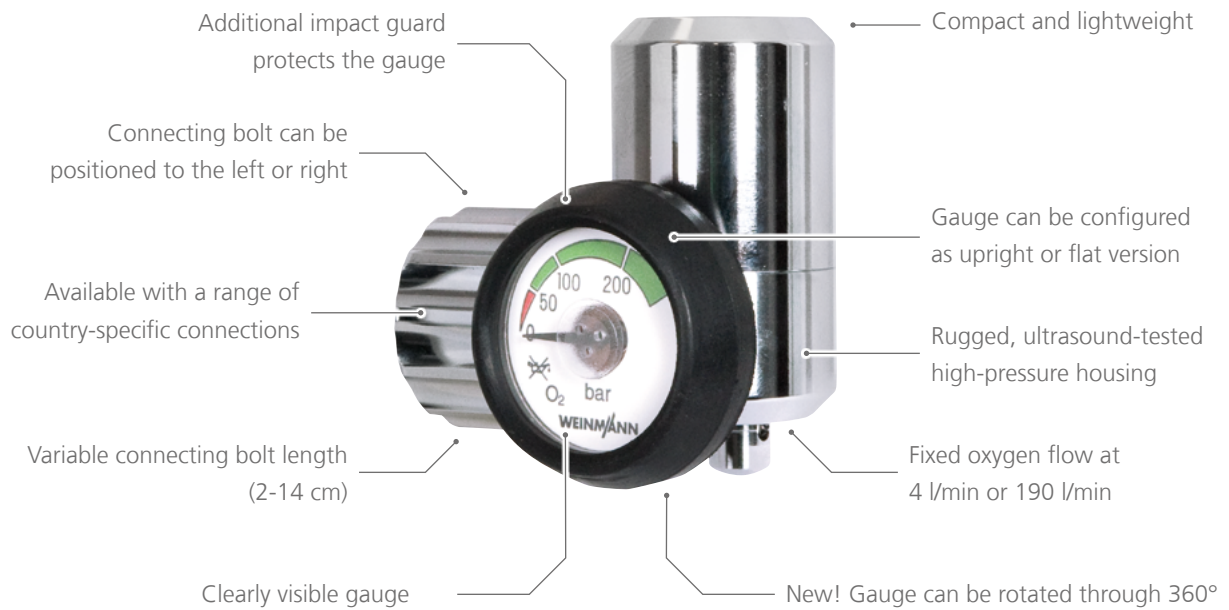
The right flow for inhalation in the blink of an eye

The OXYWAY Fast is fitted with a multistep flow selector that allows fast and precise flow adjustment in an emergency. Nine different setting ranges are tailored to the specific medical application and can be read at both the front and the side via the lasered digits on the handwheel. Simple, precise, clear – giving you time to focus on the essentials!

- The inhalation outlet enables the use of OXYWAY Fast to administer oxygen via a mask or nasal cannula
- OXYWAY Fast I and Fast II offer a setting range of 1/ 2/ 3/ 4/ 5/ 6/ 9/ 12 through to 15 l/min.
- OXYWAY Fast III allows smaller incrementation from 0.5/ 1/ 1.5/ 2/ 2.5/ 3/ 4/ 5 through to max. 6 l/min
- Alternatively, with a flow of 190 l/min, the OXYWAY Fast II is also suitable for the reliable operation of oxygen-powered medical devices or of a demand valve



OXYWAY Fix



The professional's choice for reliable device supply

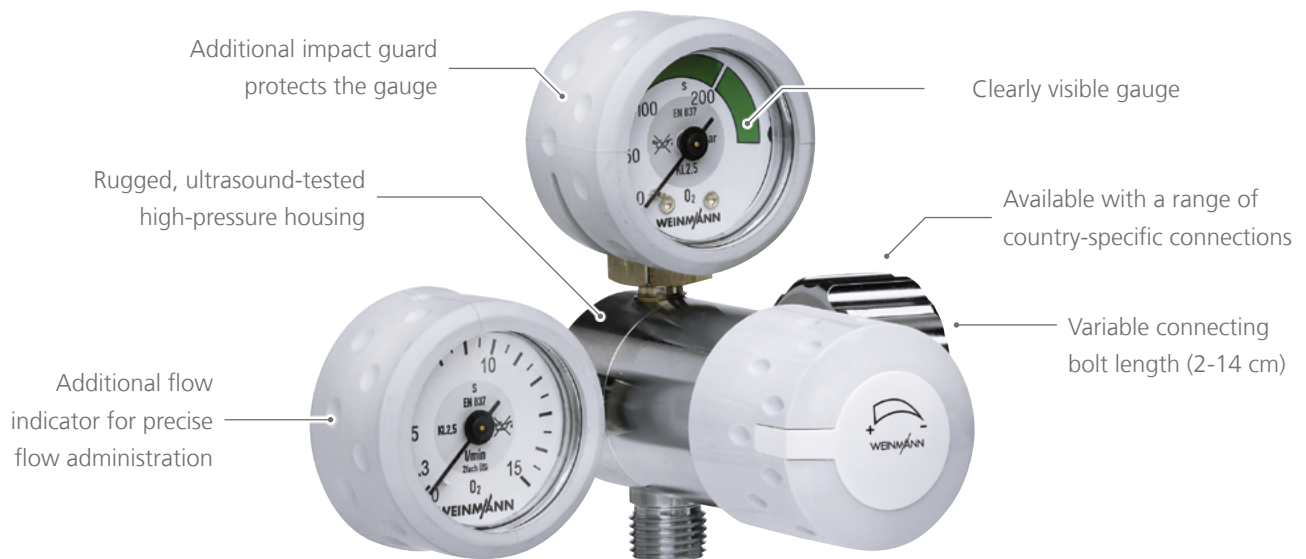
With a free flow of 190 l/min at the pressure outlet, the OXYWAY Fix III is ideal for the reliable and flexible operation of your ventilator. That's because the choice of a suitable OXYWAY Fix pressure reducer can be made to your requirements. Depending on your chosen version, the OXYWAY Fix is fitted with a pressure outlet or an inhalation outlet.

- The OXYWAY Fix I is preset to 4 l/min and is therefore suitable for straightforward supply via inhalation – because in an emergency, every second counts
- The OXYWAY Fix III is fitted with a pressure outlet that delivers approx. 190 l/min

So, what do all Fix series pressure reducers have in common? They all save the user valuable time – because in an emergency, every second counts.



OXYWAY Fine



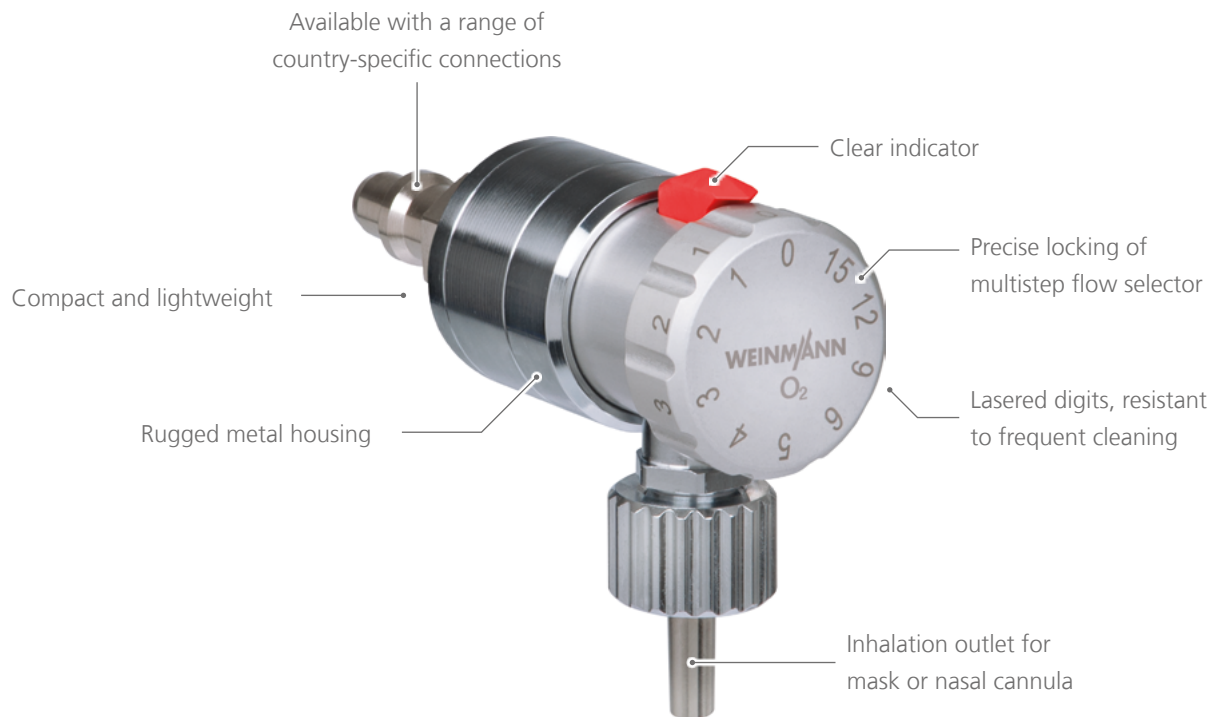
Finely adjusted oxygen supply for inhalation

OXYWAY Fine – the Specialist. This pressure reducer is ideal for applications that require a very flexible and demand-oriented flow selection for oxygen inhalation.

- OXYWAY Fine is fitted solely with an inhalation outlet, which can be infinitely adjusted via an adjusting knob
- This can be constantly monitored by the user via a flow indicator



OXYWAY Click



Use the flow of central gas supply systems

You managed to stabilize the patient at the scene of the emergency and are now on your way to hospital? Then use your ambulance's central gas supply system for continued oxygen supply!

- OXYWAY Click can be connected directly to an oxygen socket or coupling, both in the ambulance and in the clinic
- The flow regulator has a multistep flow selector with a setting range of 1-15 l/min (1/ 2/ 3/ 4/ 5/ 6/ 9/ 12/ 15 l/min) – just like the OXYWAY Fast
- OXYWAY Click is also available with an AGA or SIS connector



Create your own OXYWAY pressure reducer

In order to ensure you are optimally equipped for operations, you can configure your OXYWAY pressure reducer with us yourself. Our customized pressure reducers guarantee you the optimum oxygen dosage every time. Whether for the use of medical devices or direct administration to the patient, our pressure reducers are extremely versatile. We will be happy to advise you further on your individual configuration options.

Start your customized configuration by selecting your basic OXYWAY type (Fast, Fix or Fine) and then just add all additional components in accordance with your requirements:

1

OXYWAY Fast for quick handling, multistep adjustable oxygen flow, device operation and/or inhalation

OXYWAY Fix for very simple handling, fixed oxygen flow settings, device operation or inhalation

OXYWAY Fine for precisely adjustable inhalation, infinitely variable oxygen flow, inhalation

2

Rotating gauge

Choose between an upright and a space-saving flat gauge.




3

Connecting bolt length

We offer different connecting bolt lengths for your pressure reducer – from a short length of 2 cm up to a maximum of 5 cm.



←-----→

2 cm to maximum 5 cm

←-----→



4

International connections

We offer all current international connections by country. Please refer to the table on the next page for more details.






5

Position of connection

You can choose to have the connecting bolt positioned on the right or left.



←-----→



←-----→



6

Inhalation outlet

The OXYWAY Fast pressure reducer lets you choose between four different positions for the inhalation outlet.






03:00

06:00




09:00

12:00

7

Pressure outlet

A G3/8" thread with 190 l/min is available as pressure outlet. Alternatively, quick-release couplings can also be used in accordance with, e.g. DIN 13260 or AFNOR (bayonet).

Please note that the connection nozzles for all pressure reducers have to be ordered separately. Please ask our Customer Service staff for advice. Important: Other country-specific connections are available on request!

The right connection for every cylinder

G 3/4"



G 5/8"
60° Bullnose



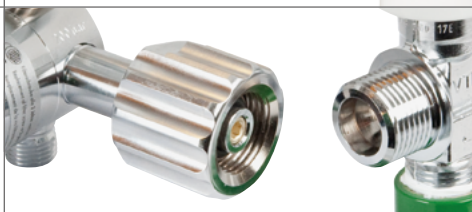
G 5/8"
72° Bullnose



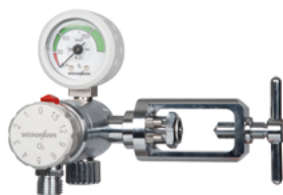
W21.8 x 1/14"



CGA 540 NGO



CGA 870
PIN index



G 5/8"
90° Bullnose



NF E29-650/F



Accessories and Consumables



Hose connection nozzles UNF 9/16"

- | | |
|---|----------|
| 1. Straight connection nozzle
(NATO Stock Number 6680-12-383-0610)
Ø 6 mm, with union nut with UNF 9/16"
inner thread (chrome-plated) and seal | WM 31122 |
| 2. Straight connection nozzle
Ø 6 mm, with union nut with UNF 9/16"
inner thread (chrome-plated) lock to
prevent inadvertent removal and seal | WM 31104 |
| 3. Angled connection nozzle 90°
(NATO Stock Number 5325-12-383-1384)
Ø 6 mm, with union nut with UNF 9/16"
inner thread (chrome-plated) and seal | WM 31130 |
| 4. Angled connection nozzle 90°
Ø 6 mm, with union nut with UNF 9/16"
inner thread (chrome-plated) lock to
prevent inadvertent removal and seal | WM 29140 |

Bubble humidifier

- | | |
|---|----------|
| 5. Bubble humidifier with
UNF 9/16" inner thread | WM 12825 |
| 6. Bubble humidifier with union nut
with UNF 9/16" inner thread
(chrome-plated), autoclavable | WM 13790 |

Replacement parts

- | | |
|----------------------|----------|
| 7. Disposable filter | WM 31028 |
| 8. Set of O-rings | WM 1148 |

Inhalation

- | | |
|--|---------|
| 9. Nasal cannula for adults, double lumen
with 1.5 m connection hose | WM 1925 |
| 10. Nasal cannula for adults, double lumen
with ear clips and 1.5 m connection hose | WM 1929 |
| 11. Oxygen inhalation mask,
plastic, with connection hose
NATO Stock Number 6515-12-350-8835 | WM 1429 |

Technical data



Designation	Fix I	Fix III	Fix III with coupling	Fine I	Fast I	Fast II	Fast II with coupling	Fast III	Click
Product class according to 93/42/EEC	IIb	IIb	IIb	IIb	IIb	IIb	IIb	IIb	IIa
Standards used	DIN EN ISO 10524-1	DIN EN ISO 10524-1	DIN EN ISO 10524-1	DIN EN ISO 10524-1	DIN EN ISO 10524-1	DIN EN ISO 10524-1	DIN EN ISO 10524-1	DIN EN ISO 10524-1	13220/01.99
Dimensions (WxHxD) in mm*	63x64x71	63x64x71	63x109 x71	115x96x99	63x64x108	63x64x108	63x109x108	63x64x108	43x72x100
Weight in g*	485	485	655	730	665	705	875	665	335
Temperature: - Operation	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C	-20°C to +60°C
- Storage	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C
Connection options	country-specific thread	country-specific thread	country-specific thread	country-specific thread	country-specific thread	country-specific thread	country-specific thread	country-specific thread	DIN 13260, Type AGA, SIS as per AS 2896
Inlet pressure p1 in bar	200 to 10	200 to 10	200 to 10	200 to 10	200 to 10	200 to 10	200 to 10	200 to 10	2.7 to 6
Nominal outlet pressure O ₂ pressure outlet in bar	max. 5.5	4.5	4.5	0.5 to 6.2	max. 5.5	max. 5.5	max. 5.5	max. 5.5	max. 4.5
Inhalation outlet flow rate in l/min	4 ± 0.8			3-15	1, 2, 3, 4, 5, 6, 9, 12, 15	1, 2, 3, 4, 5, 6, 9, 12, 15	1, 2, 3, 4, 5, 6, 9, 12, 15	0.5, 1, 1.5, 2, 2.5, 3, 4, 5, 6	1, 2, 3, 4, 5, 6, 9, 12, 15
Pressure outlet flow rate in l/min at inlet pressure of 200 bar		min. 190 max. 220	DIN min. 150 max. 180 AGA min. 150 max. 180 AFNOR min. 120 max. 150			min. 190 max. 220	DIN min. 150 max. 180 AGA min. 150 max. 180 AFNOR min. 120 max. 150		
Pressure outlet flow rate in l/min at inlet pressure of 20 bar		min. 100	DIN, AGA, AFNOR min. 90			min. 100	DIN, AGA, AFNOR min. 90		
Service life (N.L. = No Limit)	N.L.	N.L.	N.L.	N.L.	N.L.	N.L.	N.L.	N.L.	N.L.
Maintenance	6 years	6 years	6 years	6 years	6 years	6 years	6 years	6 years	6 years



Simply Professional

WEINMANN Emergency is a family-owned, internationally active medical technology company. With our mobile system solutions for emergency, transport, and disaster medicine, we set standards for saving human lives.

In close collaboration with professional users in emergency medical services, hospitals, and military medical corps, we develop innovative medical products for ventilation and defibrillation. For more than 100 years we have offered our customers a high degree of reliability, extensive experience and quality made in Germany.

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