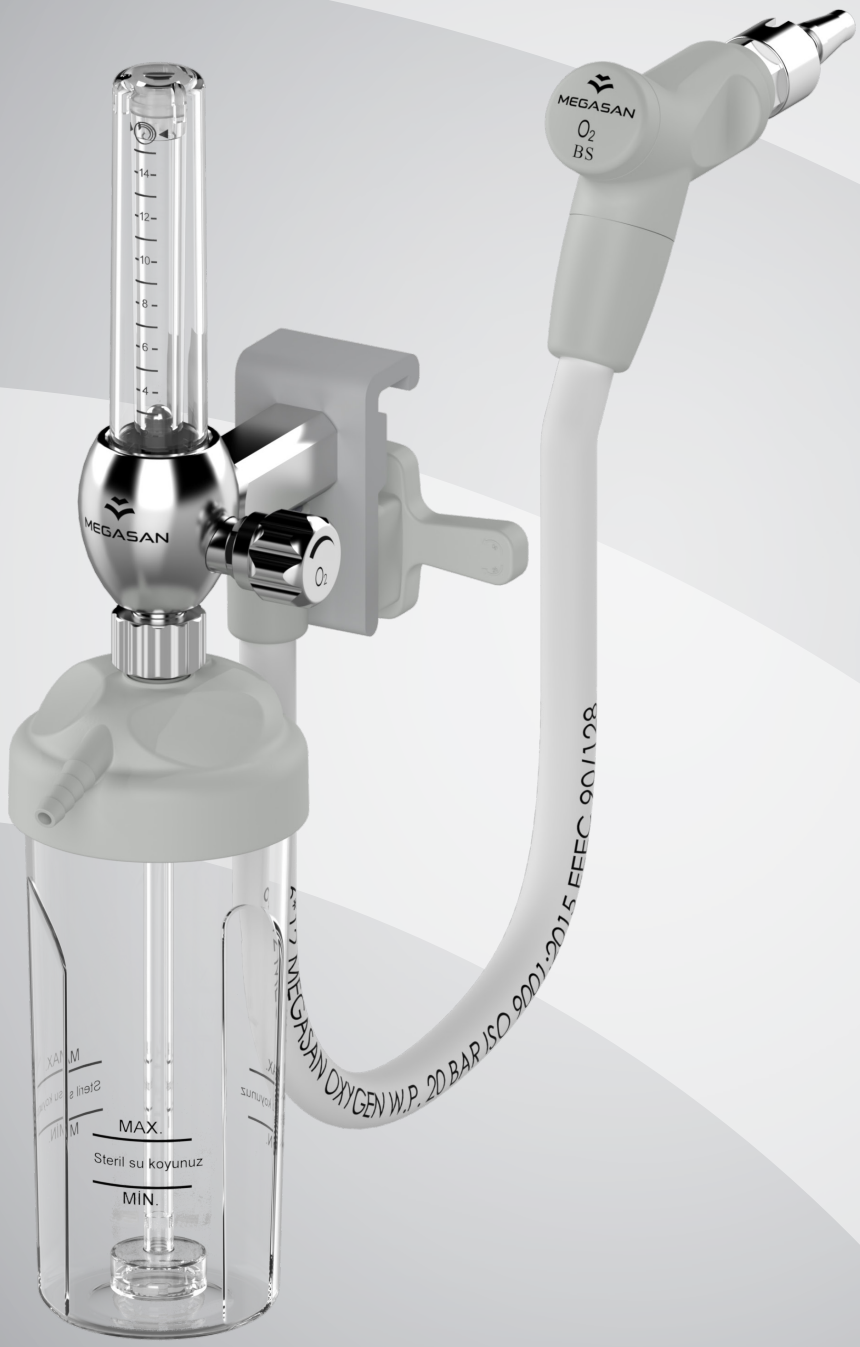
MEGASAN



Flowmeters

www.megasan.com.tr

MEGASAN

MEGASAN Medikal entered the sector in 1981 with assembly and maintenance works and started production in 1998.

It continues its activities in its production facility established on a total area of 70 thousand m² with a closed area of 14 thousand m². There is also a showroom in Ankara where the R&D and sales departments are located. Today, **MEGASAN Medikal A. Ş.** is one of the largest medical gas manufacturers in Europe. In addition to flowmetres in its product range, it produces medical gas plants, area valve service units, medical gas outlets, patient service units, intensive care and emergency service units, pendants, gas adapters.

Today, **MEGASAN** has the rightful pride of offering dozens of best quality products and serves in gas installation projecting, installation and maintenance with its modern manufacturing building equipped with sensitive technological devices and equipments, engineers, extremely well-trained technicians, assembly and maintenance personnels. **MEGASAN Medikal**, is proud of its values and determined mind about getting better day by day.

Our aim; By closely following scientific and technological developments and following a policy parallel to the globalization process in the world, we aim to maintain our leading position in our sector and become a more respected company around the world, while also strengthening this leadership.

Megasan, has the CE (Conformity of Europe) certificate which is very rare in the medical sector in Turkey, proudly states once again that while providing the best service to all its customers;

"The quality of our products is our best reference."

Tanım

Flowmeters are medical products that provide gas flow of the necessary medical gases needed to patients or devices at the desired flow rates as dry or humidifed gas.

Intended Use:

Flowmeters are medical equipment used to ensure that the necessary gases are used at the necessary flow rates during the treatment as dry or humidified gas, and to ensure that the accessories and equipment to be used by the healthcare personnel together with the jacks, probes and equipment rails are used more easily.

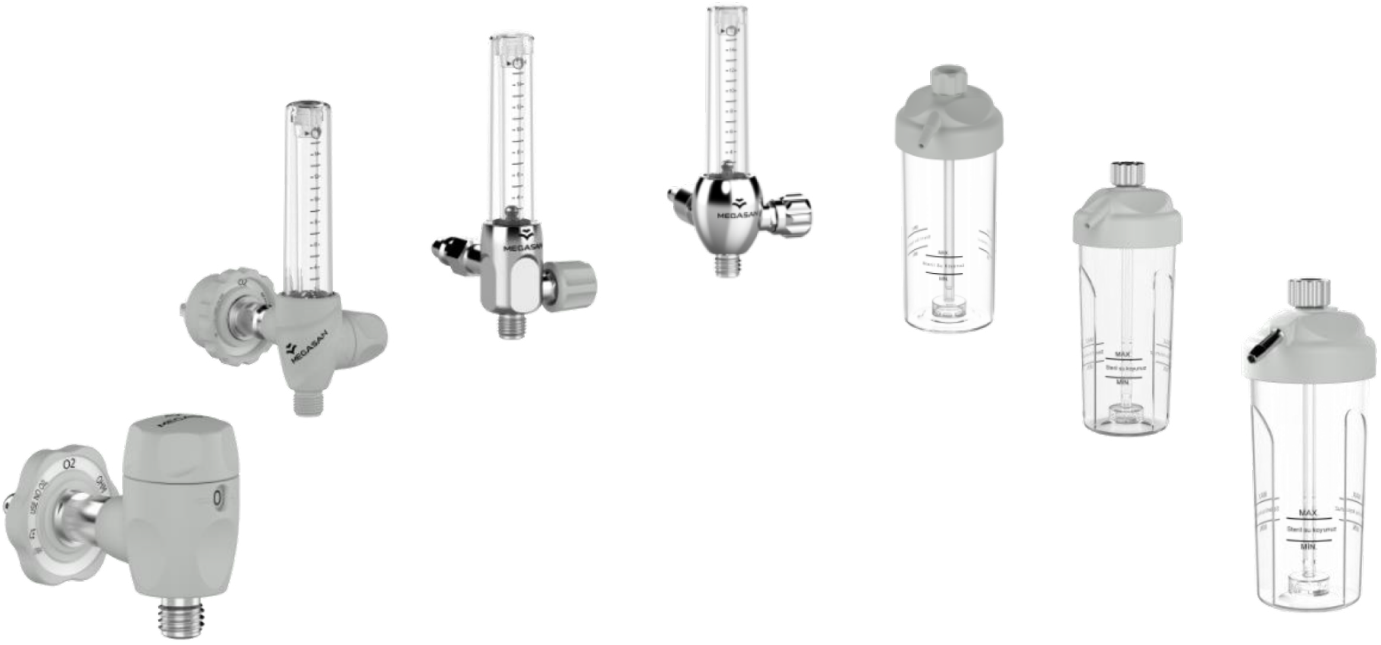
Place of Use:

Generallly, flowmeters can be used in the operating room, intensive care, service rooms and exemination rooms.

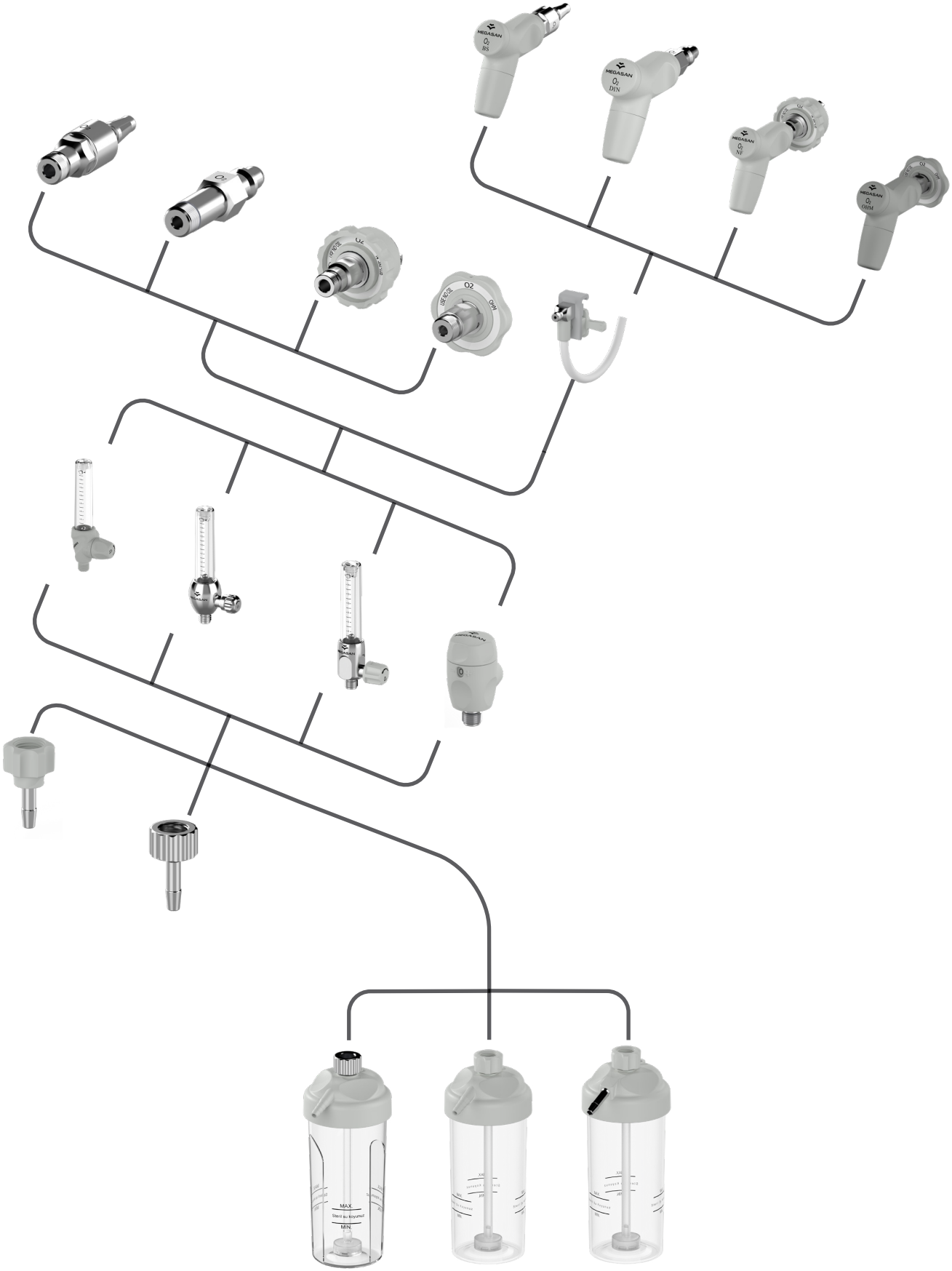
Do not use the device in the following environments:

Areas where the oxygen concentration volume percentage is above 25, where combustible gas mixtures or explosive gas mixtures may occur.

Locations where magnetic field applications are performed (e.g. magnetic resonance tomography)



MEGASAN



Plastic Flowmeter

Flowmeters are instant flow measurement devices suitable for dosing medical gases. They are produced in single or dual configurations to enable gas delivery using a single gas source.

Flowmeters feature a colorful scale that enables the immediate identification of the provided gas. Precise flow adjustments are achieved through a needle valve system. The body part is made from polycarbonate material compatible with medical gases. The measurement group is made from high mechanical resistance polycarbonate, a material ideal for the most demanding applications, along with brass nipples and a plastic body. The adjustment handle is made from ergonomically designed polyamide. Additionally, flowmeters can be configured with humidifier bottles in addition to plastic or brass hose options, offering a wide range of combinations to suit every application need.

Plastic flowmeters are available in various pressure calibrations and configurations for better readability of specified values. They are available in pediatric or adult scale options for medical gas solutions, as well as various input and output connection configurations.

Pediatric

Double Plastic Flowmeter

PAdjusting handle

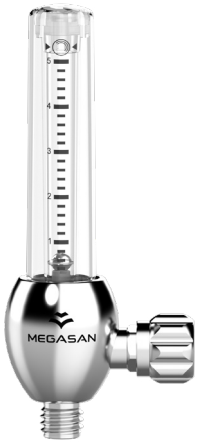
Usage:	These are the units that allow the flow rate of O2 gas to be adjusted and given to the devices.
Unit Technical Specifications:	Plastic body
Product Code:	MG-F-x "x: B(BS), D(DIN), F(Afnor), OM (Ohmeda)"
Name of the Product:	Plastic Flowmeter
Operating Range:	0-5 lt/min (Pediatric) 0-15 lt/min (Adult)
Package Type:	Box Package
Dimensions:	17.5x6.5x10 cm
Weight :	170 gr

Elite Flowmeter

Flowmeters are instant flow measurement devices designed for dosing medical gases. They are produced in single or dual configurations to enable gas delivery using a single gas source.

Flowmeters feature a colorful scale that enables the immediate identification of the provided gas. Precise flow adjustments are achieved through a needle valve system. The body part is made from chrome-plated brass. The measurement group is made from high mechanical resistance polycarbonate, a material ideal for the most demanding applications, along with brass nipples and a brass body. Additionally, flowmeters can be configured with humidifier bottles in addition to plastic or brass hose options, offering a wide range of combinations to suit every application need.

Elite Flowmeters are available in various pressure calibrations and configurations for better readability of specified values. They are available in pediatric or adult scale options for medical gas solutions, as well as various input and output connection configurations. They offer a broad combination range to meet the needs of any application.



Pediatric

Double Elite Flowmeter

Adjusting handle

Usage:	These are the units that allow the flow rate of O2 gas to be adjusted and given to the devices.
Unit Technical Specifications:	Brass Body
Product Code:	MG-F-x "x: B(BS), D(DIN), F(Afnor), OM (Ohmeda)"
Name of the Product:	Flowmeter
Operating Range:	0-5 lt/min(Pediatric) 0-15 lt/min (Adult)
Package Type:	Box Package
Dimensions:	17,5x6,5x10 cm
Weight :	415 gr

Hybrid Flowmeter

Flowmeters are immediate flow measurement devices specifically designed for dosing medical gases. They come in both single and dual configurations, allowing the delivery of medical gases from a single source.

Flowmeters are equipped with a colorful scale, facilitating the instant identification of the provided gas. Precise flow adjustments are ensured through a needle valve system. The body of the flowmeter is constructed from chrome-plated brass, while the measurement group is made from high-mechanical-resistance polycarbonate, a material well-suited for even the most demanding applications. This measurement group includes brass nipples and a brass body. Additionally, flowmeters can be configured with humidifier bottles, and there are choices for hose material, including plastic or brass, providing a wide range of options to cater to diverse application needs.

Elite Flowmeters come in various pressure calibrations and configurations, improving the readability of specified values. They are available in both pediatric and adult scale options for medical gas solutions and come with various input and output connection configurations. This product line offers a versatile range of combinations to meet the requirements of any application.

Pediatric

Double Hyrid Flowmeter

Adjusting Knob

Usage:	These are the units that allow the flow rate of O2 gas to be adjusted and given to the devices.
Unit Technical Specifications:	Brass Body
Product Code:	MG-F-x "x: B(BS), D(DIN), F(Afnor), OM (Ohmeda)"
Name of the Product:	Hybrid Flowmeter
Operating Range:	0-5 lt/dk (Pediatric) 0-15 lt/dak (Adult)
Package Type:	Box Package
Dimensions:	17.5x6.5x10 cm
Weight:	285 gr

Click-Type

Click-Type devices are highly reliable instant flow measurement instruments specifically designed to precisely adjust the dosage of oxygen and air in medical applications.

These specialized devices combine an integrated flow adjustment mechanism with a W 9/16" threaded outlet fitting suitable for various medical applications to ensure flow stabilization. The device's robust structure is constructed from impact-resistant polymer material, reinforced with brass-coated connection parts. Operators benefit from a large

Adult

Pediatrics

Usage:	These are the units that allow the flow rate of O2 gas to be adjusted and given to the devices.
Unit Technical Specifications:	Instant flow rate measurement can be made thanks to its calibrated pores with ergonomic grip brass connection plastic body.
Product Code:	MG-F-x "x: B(BS), D(DIN), F(Afnor), OM (Ohmeda)"
Name of the Product:	Click Type Flowmeter
Operating Range:	0-5 lt/dk (Pediatric) 0-15 lt/dak (Adult)
Package Type:	Box Package
Dimensions:	17,5x6,5x10 cm
Weight:	75 gr

Jacks

Oxygen therapy requires precise flowmeters and flow regulators, which can be supplied with the necessary connectors and probes for direct connection to terminal units. Oxygen flowmeter probes facilitate quick and secure connections to medical gas distribution systems, ensuring perfect sealing and safety upon attachment. Detailed or custom solutions are available upon request.

Our medical gas connectors, designed in compliance with world standards such as BS, DIN, NF, and OHM, with W1/8" threaded connections, can be seamlessly integrated into a wide range of products.

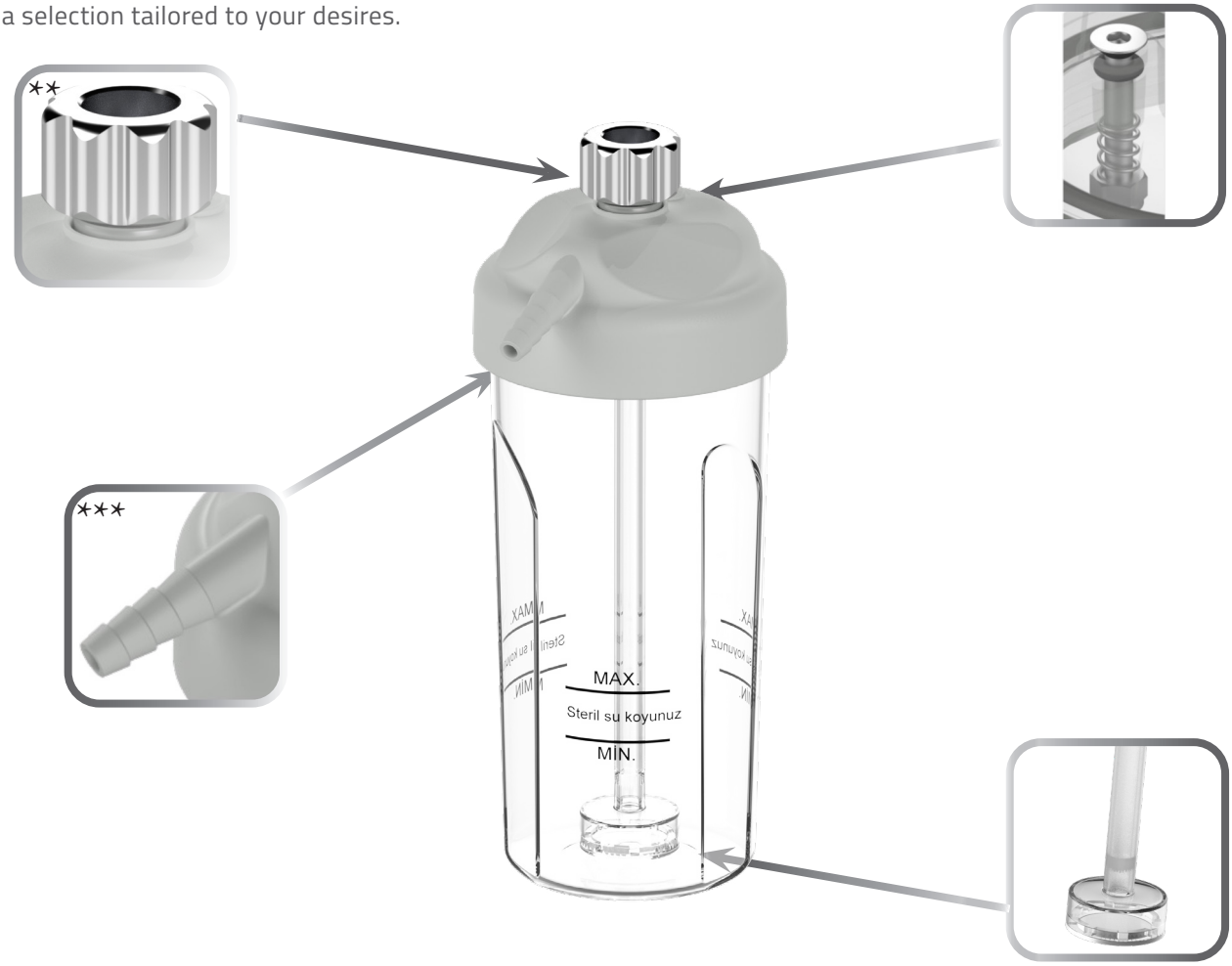
Furthermore, our medical gas connectors are compatible with hose probes that can be integrated into rail connection adapters, providing versatile and adaptable solutions for various medical applications.

Humidification Bottles

Dry gas is produced from oxygen and medical air feeders. Breathing dry oxygen can irritate the upper respiratory tract of the patient. Therefore, in order to prevent negative reactions after a patient breathes dry oxygen, it is necessary to humidify the oxygen and the airway while oxygen is being inhaled. Humidification can be achieved by adding sterilized water to the humidification bottles.

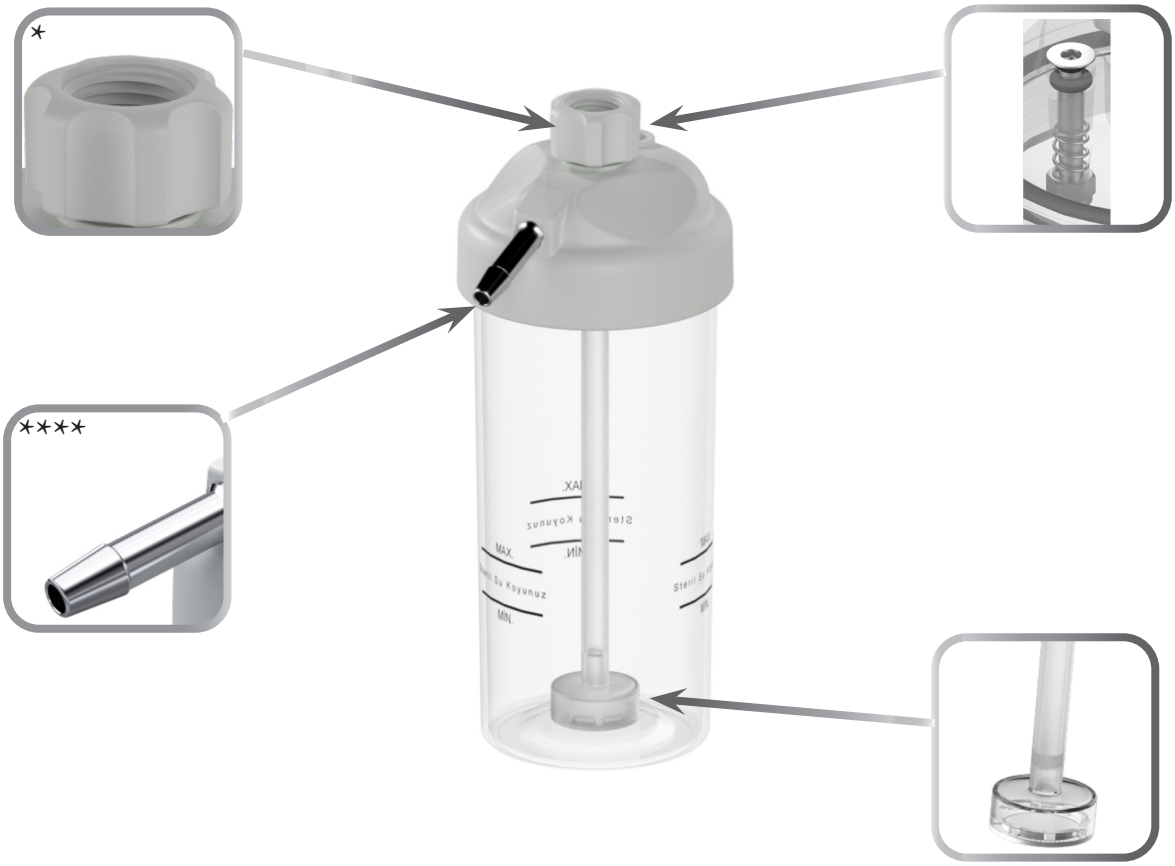
The humidifier, crafted from resilient polycarbonate, boasts an ergonomic handle, rendering it resistant to breakage. Its construction features brass fittings, facilitating sterilization at 121°C within an autoclave. In the event of heightened pressure within the humidification bottle, a pressure-equalizing discharge valve is available. The diffuser ensures an even dispersal of gas flow within sterilized water. The graduated hose acts as a preventative measure against accidental detachment during use. Furthermore, the choice between plastic and brass is at your discretion for the hose material.

Options for humidifier connection adapters include plastic or chrome-plated brass, catering to your preferences. Humidification bottles are available in two variants: those with holding channels and those with flat handles, allowing for a selection tailored to your desires.



MEGASAN

Product Code	MG-NS
Name of the Product	Humidification Bottle
Capacity	200 cc
Package Type	Box
Box Package Dimensions	17,5x8,5x10 cm
Weight	170 gr
Options	
Plastic Union*	Brass Union**
Plastic Nipple***	Brass Nipple****



MEGASAN

MEDİKAL GAZ SİSTEMLERİ TIBBİ ALET ve CİHAZLAR A.Ş.

SHOWROOM

Yenibatı Mah. 2412/19 06370 Batıkent Ankara-TURKEY

+90 (312) 865 18 18 - 865 18 21 +90 (312) 865 18 22

MERKEZ

Cumhuriyet Mah. Zafer İş Hanı No:33/411 18100 Merkez/Çankırı-TÜRKİYE

FABRİKA

Dere Mahallesi Sağlık Sokak No:29 18700 Eldivan/ÇANKIRI-Türkiye

+90 (376) 218 10 25 - 218 14 07 +90 (376) 218 12 26

+90 (541) 218 10 25 +90 (533) 323 61 63 +90 (555) 982 48 98

info@megasan.com.tr www.megasan.com.tr

DİSTRİBÜTÖR

Rev.2.0-09.10.2023