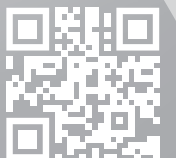




MEGASAN



Pressure Regulators & Flow Valves



www.megasan.com.tr



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 low pressure regulators & flow valves 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."



Pressure and flow regulators are medical products designed to ensure a stable gas flow of the required medical gases to patients or devices at the desired pressure values.

Purpose of Use:

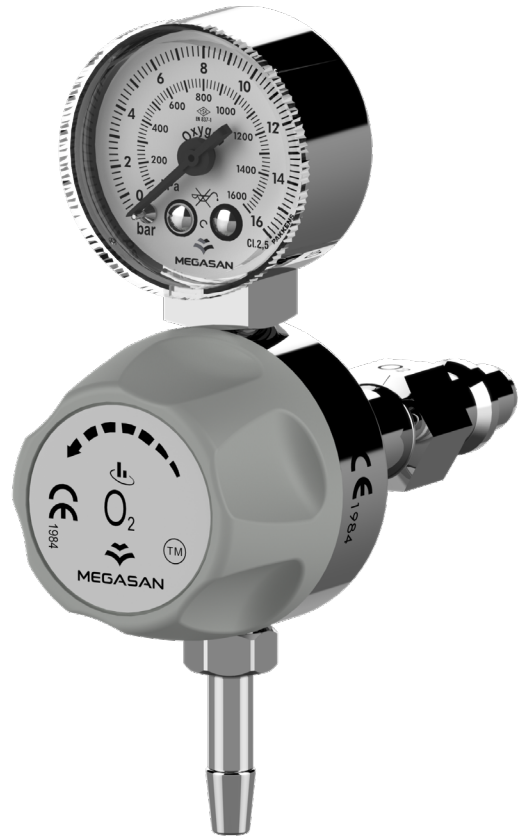
Pressure and flow regulators are medical equipment used by healthcare professionals to ensure the delivery of required gases to patients or medical devices at specified flow rates and pressures during treatment. They are typically integrated with gas outlets, probes, and equipment rails.

Usage Environments:

Pressure and flow regulators are commonly employed in operating rooms, intensive care units, service rooms, and treatment areas.

Do Not Use the Device in the Following Environments:

It is strongly discouraged to use the device in areas where the oxygen concentration exceeds 25% by volume, in locations where flammable or explosive gas mixtures may be present, and in areas where magnetic field applications are being conducted (e.g., magnetic resonance imaging).



Product Conforming to the following Standards

- ✓ EN ISO 15223-1:2021
- ✓ EN ISO 15001:2012
- ✓ EN ISO 10524-1:2019
- ✓ EN 60601-1:2009
- ✓ EN 62366-1:2015
- ✓ EN ISO 21969:2010
- ✓ EN ISO 10524-2:2019
- ✓ EN 60601-1-2:2016
- ✓ EN ISO 11197:2016
- ✓ EN ISO 15002:2010
- ✓ EN ISO 10524-3:2019
- ✓ EN 60601-1-8:2008
- ✓ EN ISO 14971:2020
- ✓ EN 62304:2009
- ✓ EN ISO 10524-4:2008
- ✓ HTM02-01
- ✓ EN ISO 20417:2021

Gas Flow Control Valve

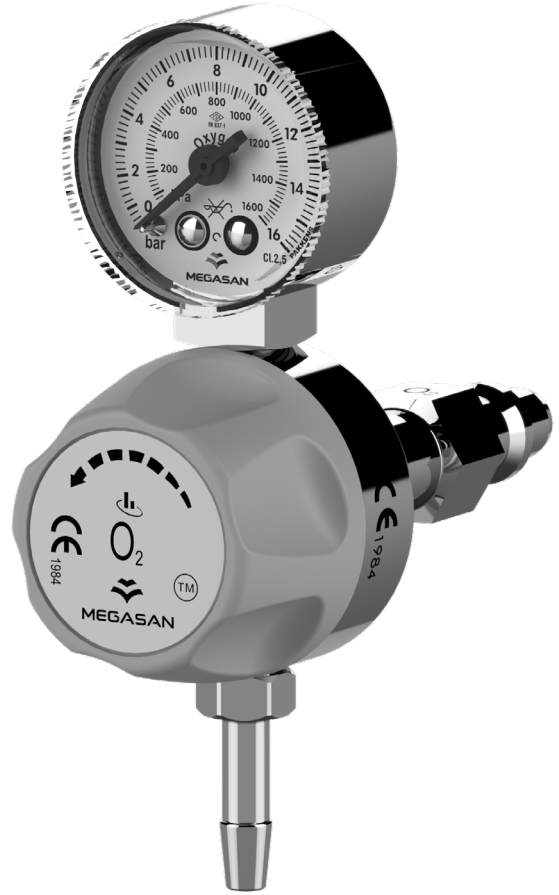
Product Description:

Gas flow control valves are medical devices designed to facilitate the delivery of pressurized gas from gas outlets to equipment.

Unit Technical Specifications:

Product Code : MG-GAMx-y
 "x: O (Oxygen), A (N₂O), SA (Pure Nitrogen), AR (Argon),
 KG (Gas Mixture), K (Carbon Dioxide), HD (Hydrogen),
 H (Dry Air), HE (Helium), AT (Acetylene), EO (Ethylene Oxide),
 H4 (Air 4 Bar), H7 (Air 7 Bar)"
 "y: B (BS), D (DIN), F (Afnor), OM (Ohmeda)"

Product Name : Gas Flow Control Valve
Operating Range : 0-16 Bar
Package Type : Carton Box
Package Dimensions : 4x15x12 cm
Weight : 495 grams



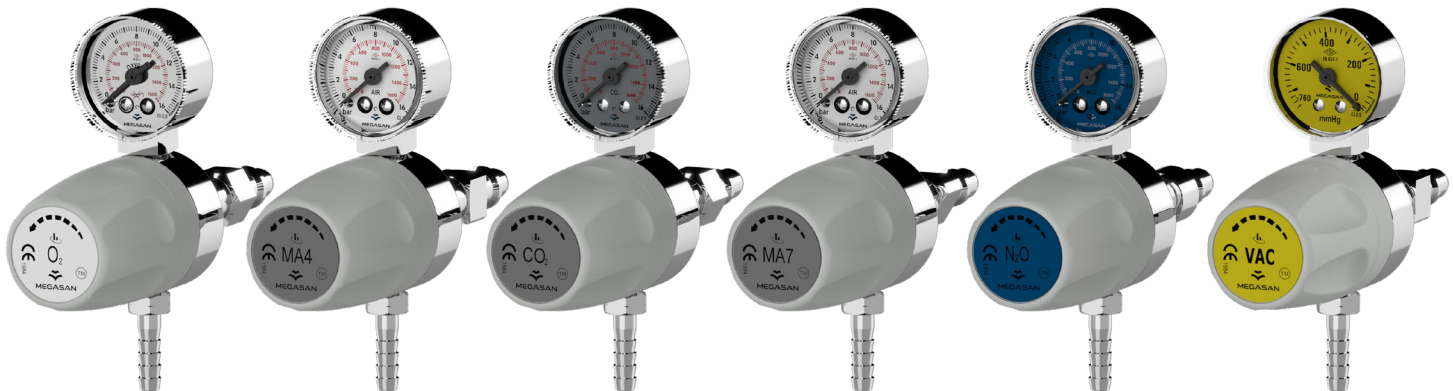
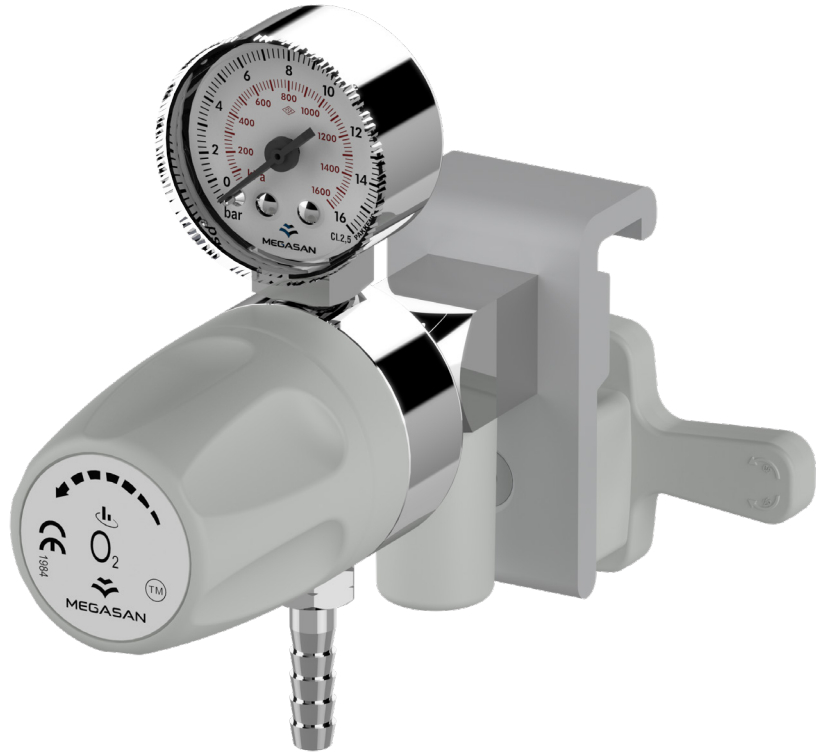
Low Pressure Regulators

Main purpose of these medical device is to regulate the pressure of medical gasses which are coming from gas outlets in order to become useful for other medical devices and patient requirement.

Technical Specifications:

Product Code : MG-xRM-y
 "x: O (Oxygen), A (N₂O), K (CO₂), H4 (Medical Air 4 Bars),
 H7 (Medical Air 7 Bars), Vac (Vacuum)"
 "y: B (BS), D (DIN), F (Afnor), OM (Ohmeda)"

Product Name : Low Pressure Regulator
Operating Range : 0-10 Bar
Inlet Pressure : Max. 10 Bar
Inlet Connection : W 1/4"
Package Type : Kutu
Package Dimensions : 4x15x12 cm
Weight : 535gr



NIST Connection - Probes

Product Code : MG-PRxB-yz

"x:O (Oxygen),A(N₂O),H4(Air4),H7(Air7),V(Vacuum)"

"y:B(DS),D(DIN),N(NF),O(OHM)" "z:3m,5m"

Low-pressure hose assemblies meeting the requirements of the ISO 5359 Standard are specified for use with the following medical gases:

- Oxygen (O₂);
- Nitrous oxide (N₂O);
- Medical air (MA4);
- Air for operating surgical instruments (MA7);
- Carbon dioxide (CO₂)
- Vacuum (VAC).

Flexible connection low pressure hose connections are integrated according to DIN, BS, NF, OHM standards and provide connection between medical devices.



				Probes with different configurations are available for all gases and jack connections according to standards.
				Low-pressure hoses for use in medical gases according to EN ISO 5359 standard, Ø 12x8 mm for medical use White, white-black, and blue, It is available in Ø12x6 mm yellow colors for vacuum. In addition, 3 and 5 m optional hose size options are available in nist connections.
				Low-pressure hose connection for use with medical gases offers a specific connection to each gas according to EN ISO 5359 standard.

HARNESSING THE POWER OF THE SUN FOR A SUSTAINABLE FUTURE!



MEDİKAL GAZ SİSTEMLERİ TIBBİ ALET ve CİHAZLAR A.Ş.

SHOWROOM

Yenibahar Mah. 24/12/19 06370 Batıkent Ankara-TURKEY

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

HQ

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

FACTORY

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

DISTRIBUTOR

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

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