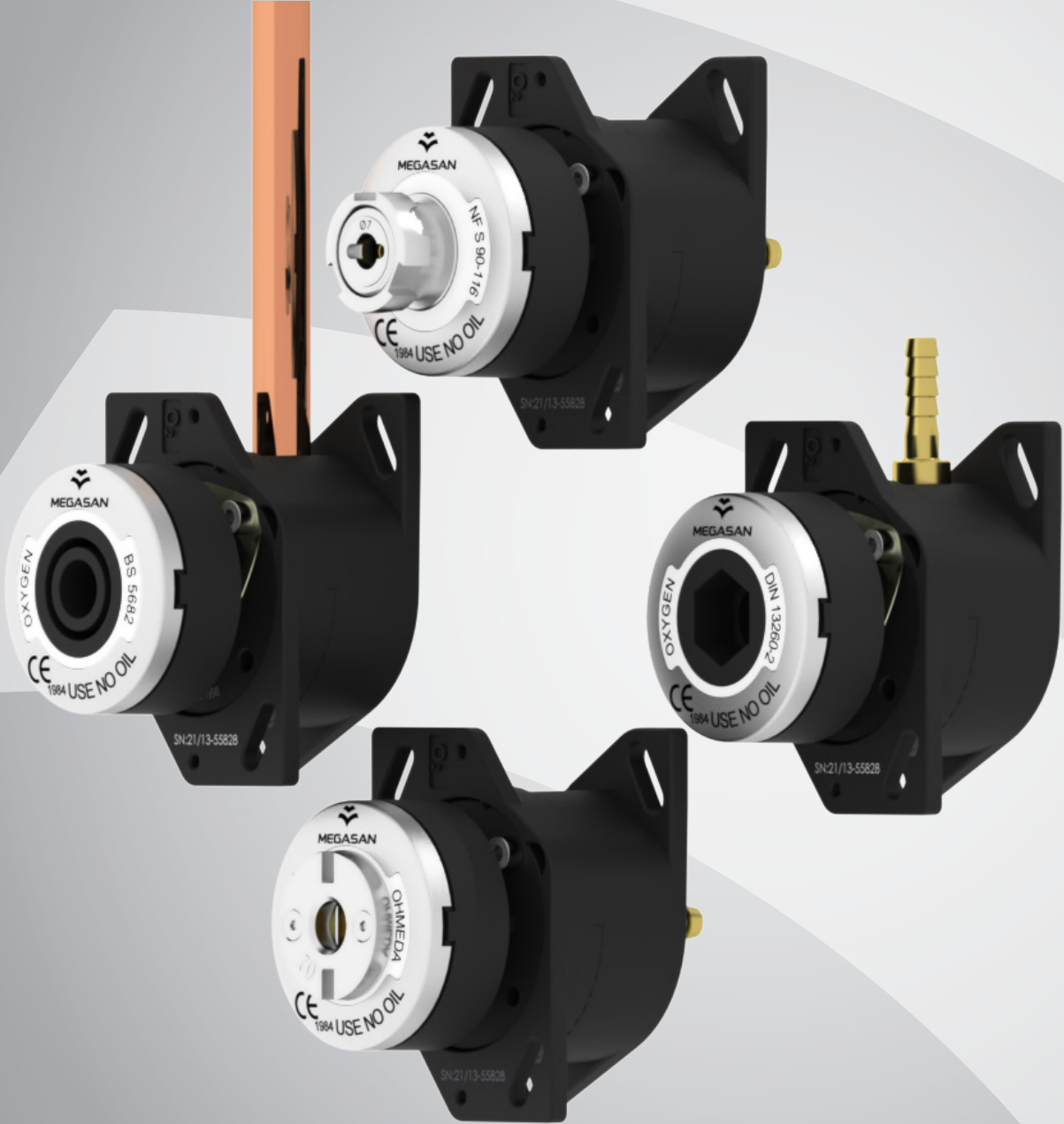


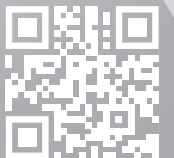


MEGASAN



Medical Gas Outlets

› DIN › BS › NF › OHM



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 medical gas outlets in its product range, it produces medical gas plants, area valve service units, 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."



Medical gas sockets are used to transfer pressurized gas coming from the medical gas pipeline system to patients and devices. It allows various adapters to be connected specifically to gas and with different color coding, ensuring that gas is used only when needed.

Intended Use:

To prevent mixing of gases, to provide fast connection, to provide full sealing when not in use.

Place of Use:

All terminal units are used when medical gas is required in rooms used for medical purposes. They can be mounted on walls, wall ducts and supply units. Gas socket inlet pipes and angles may vary according to the installation areas. may vary according to the installation areas.

Product Conforming to the following Standards

- ✓ EN ISO 15223-1:2021
- ✓ EN ISO 9170-1:2020
- ✓ EN 14971:2020
- ✓ EN ISO 9170-2:2010
- ✓ EN ISO 15001:2012
- ✓ EN ISO 20417:2021
- ✓ BS 5682
- ✓ DIN 13260-2
- ✓ NF S90-116
- ✓ HTM 02-01

Technical Features

Product Code : MGS-xP-yz

x: Gas Type [O (Oxygen), V (Vacuum), A (Nitrogen Protoxide), H4 (Medical Air 4 Bar), H7 (Surgical Air 7 Bar), K (Carbon Dioxide)...]

y: Standard [B (BS), D (DIN), F (AFNOR), OM (OHMEDA)...]

z: Connection Type [B (Pipe Welded), P (Pneumatic 8mm), PH (Pneumatic 10mm)]

Product Name : Medical Gas Sockets

Package Type : Boxed Packaging

Material Structure : Brass, Copper and Plastic



OPTIONAL FEATURES



Connection Option Suitable for Every Unit & Location

To suit all units and locations, copper tube connections for fixed connections and hose connections for connections on mobile units can be made both from the side and from the back.

MR Compatibility

Thanks to the choice of non-magnetic material, it does not disturb the magnetic fields in the imaging room and does not react to imaging devices.



Hygienically Designed Box

Thanks to the ergonomically and stylishly designed box, which is free of sharp surfaces for flush-mounting on the wall, the intricate surfaces of the gas socket are isolated from ambient dirt and offer an easier to clean surface.

Double Layer Mounting Possibility

Thanks to the mounting lugs at the middle and lower level on the gas socket, it provides easy installation on any surface and unit.



STANDARD FEATURES



Badge

Protective badge on the unit that visually complements the unit and at the same time eliminates surface accuracy and increases work safety when the socket is not plugged in.

Color Coding

The ISO 32 colour coding used both on the front surface of the sockets and on the hoses allows all gases to be distinguished by different colours and gives healthcare personnel the peace of mind that gases are not to be confused.



Quick Service & Maintenance (Without Removing The Unit Cover)

The gas socket top cover can be removed with basic tools and maintenance and repair can be carried out quickly and in 70% less time.

360° Rotatable Pipe

360° rotatable pipe allows easy installation on any surface and unit, while guaranteeing %100 impermeability.



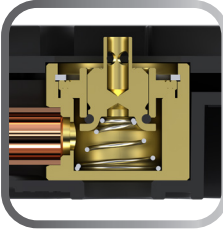
Flame Retardant

Made of glass reinforced polyamide with flame retardant properties.

**120
LPM**

High Output Flow Rate

With more than 120 lpm gas output, it has an air flow that can supply all medical devices and equipment. More than 350 lpm in Air 7s.



Base Block Sealed Flapper System

The Base Block Sealed Flapper System incorporates a check valve mechanism designed to prevent the escape of gas into the surrounding environment when the system is disassembled for maintenance or any other purpose.

Test According to EN 9170-1

The gas socket has been subjected to all the tests and more severe conditions required by the standard according to all specifications EN9170-1.

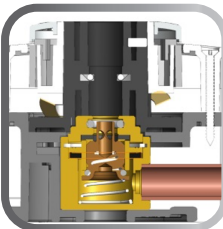
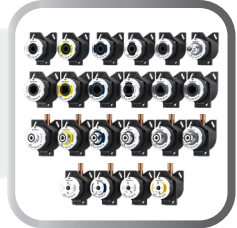


Base Block - Outlet Body Encrypted Connection

Prevents incorrect gas supply to the patient thanks to the encrypted system that allows only the correct body to be attached to the correct base block when the body parts are removed for maintenance or any other reason.

Gas Specific Connection Feature

Different connection types and sizes ensure that the correct adapter can only be connected to the correct gas socket, thus preventing incorrect gas supply to the patient.



Chemical Compatibility

All surfaces in contact with the gas are made of materials compatible with the relevant medical gases. All materials such as copper, brass, nitrile and stainless steel do not react chemically with all gases, including oxygen.

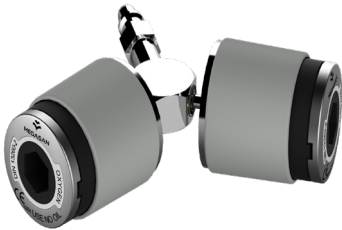
Cover Before Use

There is a plug at the pipe inlet and gas outlet mouth to prevent dirt during assembly and transport.



Indelible Marking / Labelling

All brand, serial number etc. information is indelibly engraved on the gas socket and is suitable for all disinfectants.



Y Connection (Coupler)

Multipliers provide the ability to double the medical gas output infrastructure. The outlet is produced gas specifically.

Product Name: Gas Outlet Y Connection

Product Code: MGS-CP-x

x: Standard; B (BS), D (DIN), F (AFNOR), OH (OHMEDA)

BS

BS EN-737-1 Standard compliant
Pin guaranteeing 90° connection
Coding with diameter dimensions



Product Name: Central Medical Gas Sockets - BS

Product Code: MGS-xP-Bx



DIN

DIN 13670-2 Standard compliant
Parking position
Geometric symbol code

Product Name: Central Medical Gas Sockets - DIN

Product Code: MGS-xP-Dx

OHM

360° rotation lock mechanism
Angular multi pind Geometric Coding



Product Name: Central Medical Gas Sockets - AFNOR

Product Code: MGS-xP-Fx

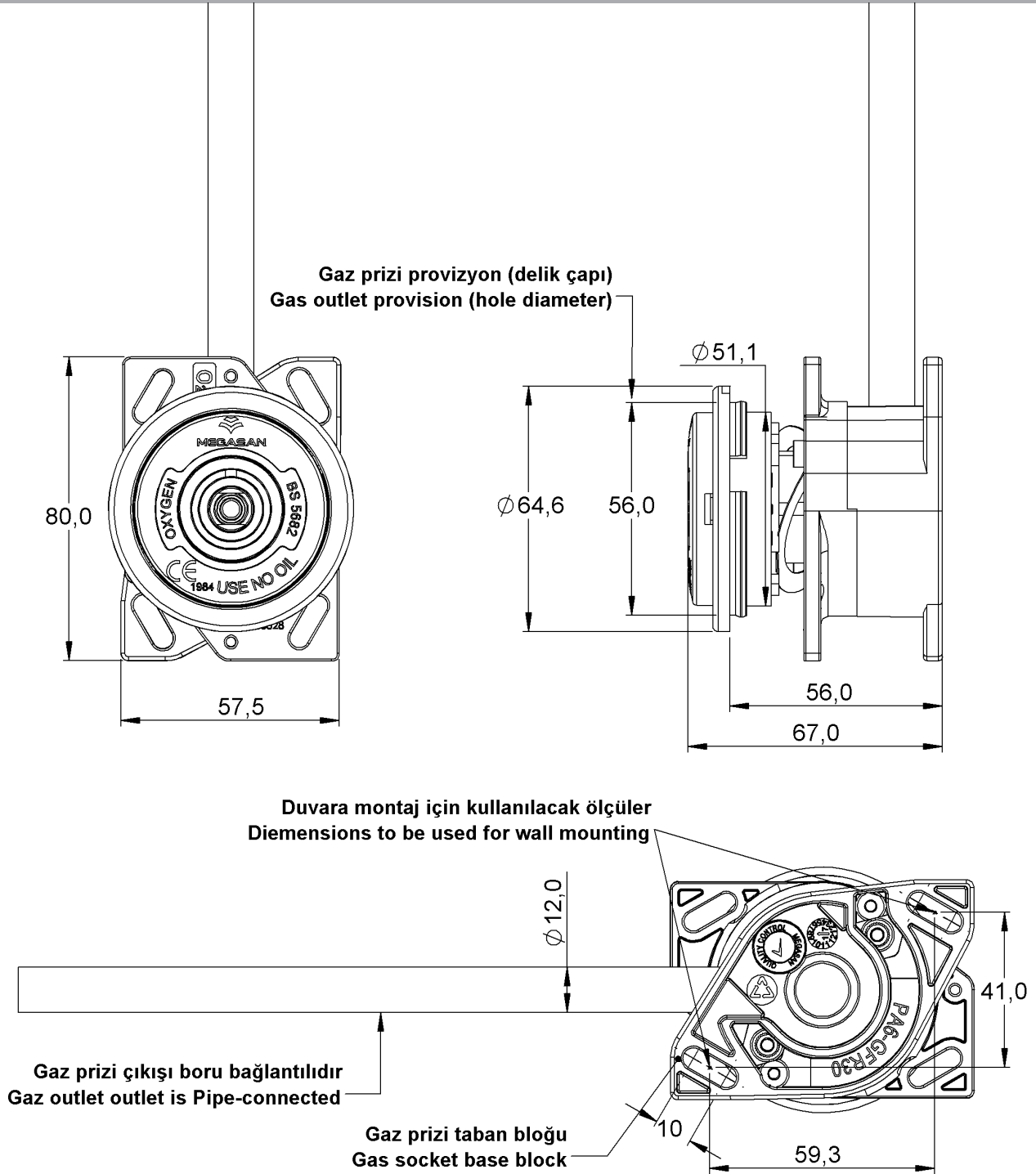


NF

NF-590-116 Standard compliant
360° rotation lock mechanism
Diameter Measurement and Geometric Coding

Product Name: Central Medical Gas Sockets-OHMEDA

Product Code: MGS-xP-OMx



Product Name: Central Medical Gas Outlets

Product Code: MGS-xP-yx

HARNESSING THE POWER OF THE SUN FOR A SUSTAINABLE FUTURE!



MEDİKAL GAZ SİSTEMLERİ TIBBİ ALET ve CİHAZLAR A.Ş.

SHOWROOM

Yenibahar Mah. 2412/19 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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