

DIN Standards Standards Gas Outlet Points (Terminal Unit)

Fully comply and meets with latest DIN/ISO German standard

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

DIN 13260-2

Europeon CE Marked with 4 digit CE no. 1984 issued by KIWA notified body as per medical devices directive Class IIb

Gases;

Oxygen

Nitrous Oxide

Nitrogen

Carbon Di-Oxide

Compressed Medical Air

Instrument Surgical Air 7 Bar

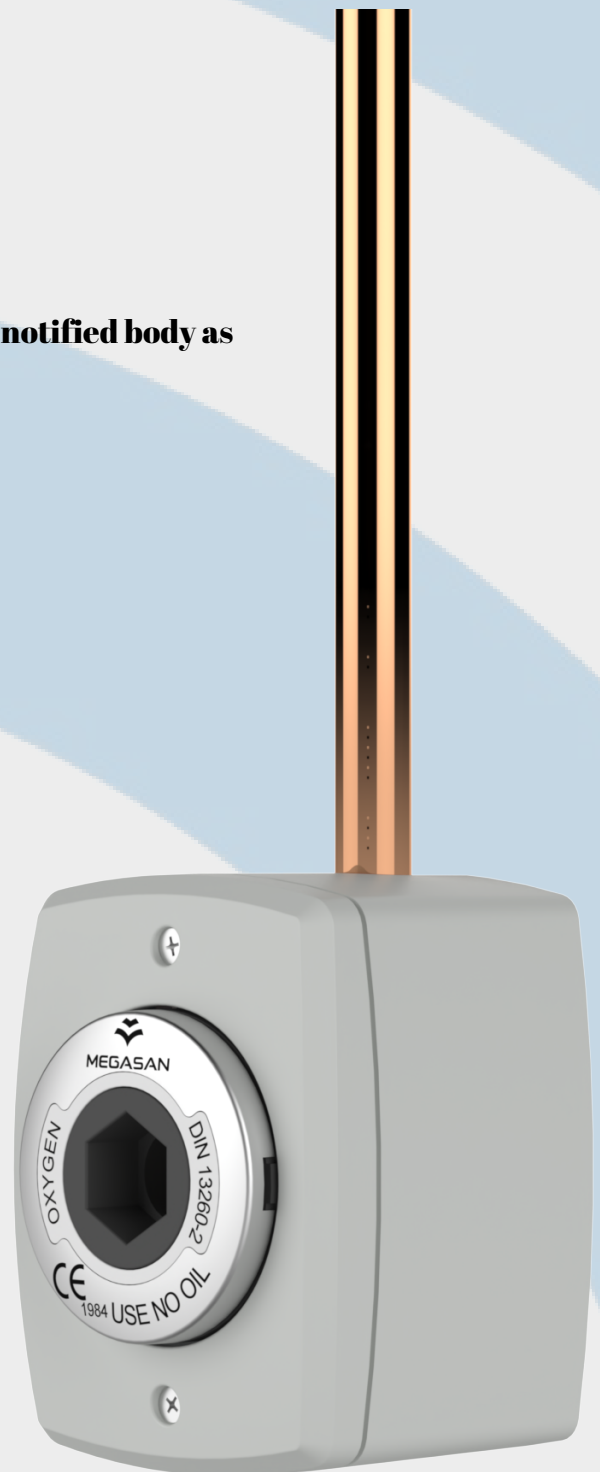
Vacuum

AGSS Active (Venturi Outlet)

Available with Plastic Box with cover

Available pendant back entry

- **Colour coding: ISO 32 Standanrd**
- **Inlet: 15 mm copper pipe Operating pressure: 400 kPa to 500 kPa (overpressure) – compressed gases < 60 kPa (absolute pressure) – vacuum, depth 72mm.**
- **4 Bar gases flow rate 200lpm**
- **Surgical air 7 bar 350lpm flow rate**
- **Terminal Block :Machined brass and brazed copper stub pipe .**

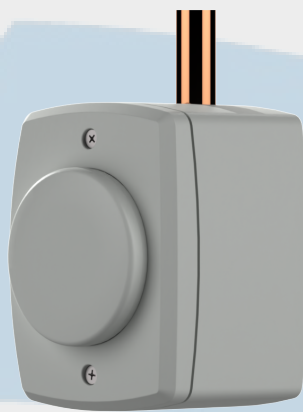
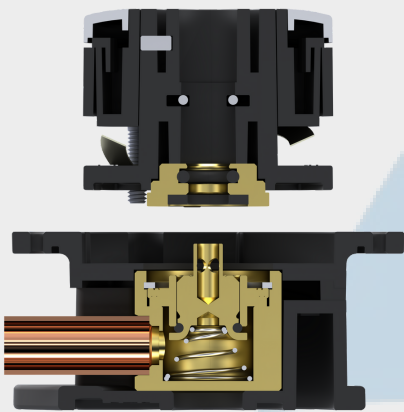




- 4 Bar gases flow rate 200lpm
- Surgical air 7 bar 350lpm flow rate
- Inlet: 12 mm copper pipe
- Operating pressure: 400 kPa to 500 kPa (overpressure)
- Compressed gases < 60 kPa (absolute pressure)
- Vacuum, depth 72mm.
- Outlets must consist of, actuator, gas specific block, connector mounting, servicing cartridge with sealing elements and replacement must be possible without blocking the station.
- Colour coding must be in line with ISO 32
- It shall be manufactured with a 135 mm long copper inlet pipe stub which is brazed to the outlet body.
- The inlet pipe should be capable of swivelling by 360 degrees for enabling the same to be connected to the pipeline system.
- Outlet shall be equipped with a primary and secondary check valve and the secondary check valve shall be rated at minimum pressure of 290 PSI.
- In the event the primary check valve is removed for maintenance there should not be any leakage (on-line maintenance should be possible w/o disrupting the functioning of other outlets).
- Outlet bodies shall be gas specific by indexing each gas service to a gas specific pin indexing arrangement on the respective identification module.
- There should be a push button release mechanism for disconnecting apparatus accessible from top, bottom and side of outlets.
- A large color-coded front plate shall be used for ease of gas identification and aesthetic appeal. With the back rough in mounted the outlet shall adjust up to 15 mm variation in wall thicken
- The latch valve assembly should accept only corresponding gas specific adaptors.
- All outlets shall be cleaned and degreased for medical gas service, factory assembled and tested.
- Terminal Block :Machined brass and brazed copper stub pipe .



- **Check Valve Assembly :** Machined brass with grub screw and orifice for flow control.
- **Socket Assembly:** Machined brass body,
- **Moulded polymer ring with indexed label.**
- **Installation Kit:** Back box, cover box, fascia plate
- **Front Loading Type Terminal Outlets** should be designed to dispense medical gases (or an inlet for medical vacuum) to the secondary equipment (flow meters, Suction regulators, etc.) at the point of use and is gas specific so that secondary devices cannot be “attached” to the wrong gas.
- **When not in use** the gas in a non-flowing state within the Outlet (Terminal unit) sealed by “O” ring. The adapter when inserted pushes the poppet inside and the gas starts flowing and sealing is ensured by the “O” ring or a seat.
- **The Outlets are Quick Connect Type** and gas specificity is accomplished by "Geometric Indexing."



**All wet face is
brass or copper**

**Cover
before use**

**Color coding according to
ISO32**



**Double layer
mounting
possibility**



**Connection
option for any
location**

- The outlets have following features;
- Push to insert and press-to-release mechanism for probes
- Allows plugging of probes from front.
- Self-sealing valve on disengaging the probe (Quick disconnect)
- Smooth quite action
- Non return valve for on line servicing/ repairing
- Indexed to eliminate inter-changeability of gas services
- Color-coded gas specific front plate as ISO32
- Totally leak proof, safe and easy to operate
- Park position by it is doubled stainless steel pins
- Should be compliable for the different connetion types for different units or wall type.
- Plastic cover box should be able as an option and it supposed to be install later on as well

All Possible Standards;



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SHOWROOM

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