



Use

For the connection of gas cylinders for technical gases; gas withdrawal and pressure reduction to a fixed working pressure. The following accessories can be connected to the Präzicon III:

- plugs and units with plug-in nipples according to DIN 13260-2

Operation

Check the seal in the high-pressure inlet fitting prior to connecting the pressure reducer to a gas cylinder! Attach nozzle to cylinder valve and tighten fitting **by hand**. Connect accessory to pressure reducer.

Slowly open cylinder valve! The content gauge will show the cylinder's pressure. Gas can then be withdrawn.

To stop operation, close the cylinder valve and make pressure reducer pressureless. Push pressure ring and remove plug or unit with plug-in nipple. Unscrew pressure reducer fitting from the cylinder valve **without** any tool.

Technical data

Type:	spring-loaded diaphragm pressure reducer according to DIN EN 738-1, with content gauge, fixed working pressure, chrome-plated surface, all metal design
Capacity:	admission pressure max.20000 kPa, working pressure 0-500 kPa
Connection:	gas-type specific high-pressure inlet fitting according to DIN 477, outlet according to DIN 13260-2

Präzicon III

Service and maintenance

External disinfection with a cloth is sufficient for all chrome-plated metal parts. Clean plastic parts with a disinfectant solution. Let equipment dry completely before using it again.

Prior to each use, make a visual check (external damage). A function and leak test should be performed at least once a year; every five years, the unit should be serviced (replacing wear parts). Failures and damages may only be remedied by authorized expert personnel. Make repairs only on the pressureless unit; use only original GREGGERSEN spare parts!

Spare parts

1.	100138	O-ring 10x2.5 NBR 70
2.	100117	Sintered metal filter G1/8"
3.	601006	Floating cone, complete
4.	100451	Diaphragm 38x2 PB
5.	100126	Washer 8x2 PB
6.	100472	Gas-type plate, neutral

Additional information

- The unit and all connections **must** be free from oil, grease and lubricants since this would otherwise present a fire or explosion hazard.
- Never use tools for connecting the unit and accessories; all fittings can be tightened and loosened by hand.
- Always open cylinder valve slowly! Jerky opening presents fire and explosion hazard and pressure surges may damage the unit or accessories. The safety valve may open for a short time during pressure surges!
- Do not use any cleaners containing alcohol
- Comply with *UVV Sauerstoff* (Accident Prevention Regulation, Oxygen) when using the equipment.
- For oxygen, compressed air and nitrogen, the cylinder pressure is also an indicator for the filling level in the cylinders. For nitrous oxide and carbon dioxide, the pressure remains constant during gas withdrawal.
- When the setting of the blowdown valve is changed, the working pressure increases and the accessories may be damaged.
- The unit meets the basic requirements of the Medical Products Directive 93/42/ECC; Classification: IIb