

PROTAL II Reducer

High-pressure reducer with adjustable pressure reduction for the supply of pneumatic instruments or the maintenance of medical gases distribution networks.
For use with medical gas cylinders under high pressure (up to 200 bar).



Performance and simplicity

- Higher flowrate supplied:
25 m³/h to 200 bar in inlet and
10 bar in output.
- Disengagable pressure control
knob.
- Hygiene facilitated.

High degree of safety

- Limitation of risk of adiabatic
compression.
- Large integrated valve
with precise and rapid opening
function.
- High-pressure inlet connection
filter.
- Does not contain materials
that will give off toxic fumes
in the event of a fire.
- Inviolability: access to internal
components protected
by security disc and label.
- Design of reducer prevents
crystallization of liquid gases
at high flowrates (N₂O and CO₂).

Features

Available gases: oxygen, medical air, nitrogen, CO₂, N₂O.

Supply pressure: up to 200 bar.

Low pressure outlet:

- adjustable pressure from 0 to 10 bar,
- flowrate 25 m³/h (200 bar in cylinder and 10 bar output).

Weight: 2.5 Kg.

Dimensions (with NF valve): 211 mm x Ø 105 mm.

CE 0459 class IIb.

Hygiene

Cleaning: soapy water.

Rinsing: clean water.

Disinfection:

- with an alcohol based solution (spray or towelettes),
- with a solution carrying the CE mark (Hexanios G+R® type).

Caution:

Never use an abrasive cleaner (powder or other).

Never immerse the device in water.

Maintenance

The inlet seal should be replaced on a regular basis.

The output pressure should be checked at least once a year.

Preventive maintenance should be carried out every 5 years.

Simplified maintenance

Limited number of components limits risk and costs and reduces the amount of maintenance required.

Use of standard parts for the entire Taema reduction-flowmetering range.

Shorter disassembly and reassembly times.



PROTAL II O₂ with Emboufix



PROTAL II CO₂



PROTAL II PC

References

Type	Reference	Designation	Gas	Inlet Connector	Low pressure outlet
NF	CD080100	PROTAL II	O ₂	NF TYPE F	NF
	CD080200	PROTAL II	Air	NF TYPE D	NF
	CD080300	PROTAL II	N ₂	NF TYPE C	NF
	CD080400	PROTAL II	CO ₂	NF TYPE C	NF
	CD080500	PROTAL II	N ₂ O	NF TYPE G	NF
For PC Central	CC032500	PROTAL II	All	M 16 x 1.5	M 20 x 1.5
For PG Central	CC032700	PROTAL II	All	M 24 x 1.5	M 20 x 1.5

Accessories and consumables

Reference	Designation
YJ040600	O ring R5, pink, for NF inlet (x 10)