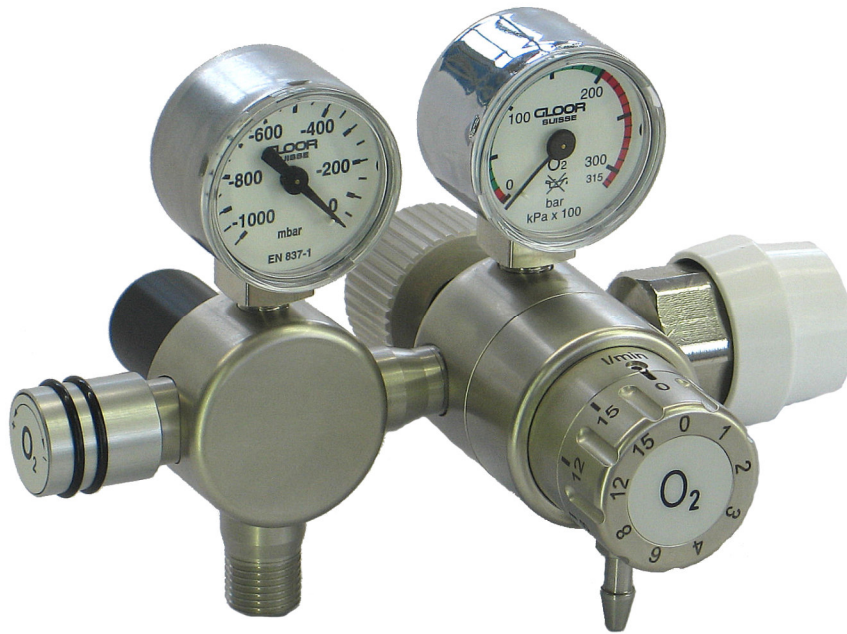


SWISS optio varius clean



varius clean

The **varius clean** at a glance :

- serves simultaneously as an oxygen supply and vacuum device
- option to connect an additional consumer
- simple and user-friendly setting of the oxygen extraction flow-rate with the ratchet disc
- continuous regulation of the vacuum and high performance of aspiration
- the application is mainly in hospitals and in clinics as well as in emergency medicine

The field of application of the **varius clean** is mainly in the area of emergency medicine, where in conditions of limited space and with only one gas source, the provision of oxygen to two consumers and at the same time the generation of a vacuum for aspiration is made possible.

Apart of the provision to a consumer with an adjustable flow-rate between 1 to 15 l/min, an outlet without flow control is also available with e.g. quick coupling for supply to a further consumer. The integrated injector generates a vacuum in the **varius clean** that serves for simultaneous aspiration. The vacuum can be continuously adjusted with the regulating device.

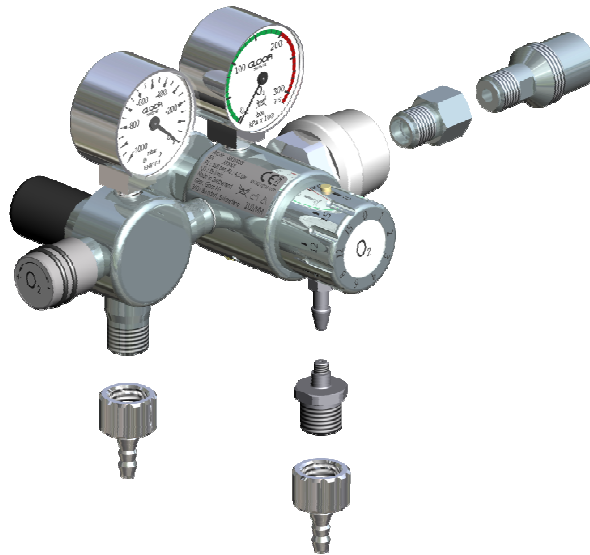
The integrated overpressure valve avoids overpressure on the side of the patient in case of faulty handling of the **varius clean**.

The **varius clean** meets the requirements of EN ISO 10524-1 and as well EN ISO 10079-3. CE marking according to the Guideline for Medical Products 93/42/EEC.

Technical data :

Construction	single-stage piston pressure reducing valve with ejector
Inlet pressure	200 bar
Outlet pressure	4.5 bar (fixed)
Flow rate range	1 – 15 l/min (flow controlled), total flow rate of regulator 55 l/min
Measurement accuracy	+/- 20%
Vacuum regulation range	0 up to – 700 mbar
Vacuum indication	0 up to – 1000 mbar
Throughput	0 – 20 l/min
Noise level	62 dB[A]
Gas	oxygen
Inlet	cylinder connection DIN, NF, AGA, BS, UNI, PIN-Index (others on request)
Outlet (flow controlled)	hose connector 5 or 6 mm, threaded nipple G1/4", G3/8", G1/2", 9/16 UNF
Outlet (not flow controlled)	quick coupling (country specific), self-closing outlet M12x1, NIST housing self-closing
Material	body brass, external parts nickel-plated, POM
Sealing material	Cu, POM, FKM, NBR, MVQ, EPDM, PA, PEEK
Operating temperature	-20° up to +60°C
Dimensions	W x H x D: 110 x 110 x 160 mm
Weight	1490 gr

Model variants GX10008



Necessary information when ordering :

Inlet	DIN, NF, AGA, BS, UNI, PIN Index
Outlet (flow controlled)	hose connector 5 or 6 mm, threaded connector G1/4", G3/8", G1/2", 9/16 UNF
Outlet (not flow controlled)	quick coupling (country specific), self-closing outlet M12x1, NIST housing self-closing
Outlet ejector	threaded connection 9/16 UNF, hose connector 5 or 6 mm

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