

SWISS optio low vac



vacuum

The **low vac** at a glance :

- for continuous adjustment of vacuum up to - 85 mbar / for thoracic drainage up to – 70 mbar
- precise setting of low vacuum
- silent in use
- with integrated shut-off valve for interruption of suction process
- the application is mainly in hospitals and clinics and as well in medical practice

The field of application of the medical vacuum regulator **low vac** is mainly in the area of continuous drainage, for the version up to -70 mbar particularly in thoracic drainage. The **low vac** is used for the precise regulation of low vacuum and is coupled directly with the country-specific probe into the terminal unit of the corresponding central vacuum supply.

The **low vac** is silent in operation, whereby the vacuum can be adjusted continuously by means of the regulating handle from 0 up to - 85 mbar, resp. for the version for thoracic drainage from 0 up to – 70 mbar on the capsule-type vacuum gauge. The **low vac** is equipped with a shut-off valve so that the vacuum supply can be closed with a rotary motion of 180°. After re-opening the shut-off valve, the vacuum remains unchanged after the break without any re-adjustment.

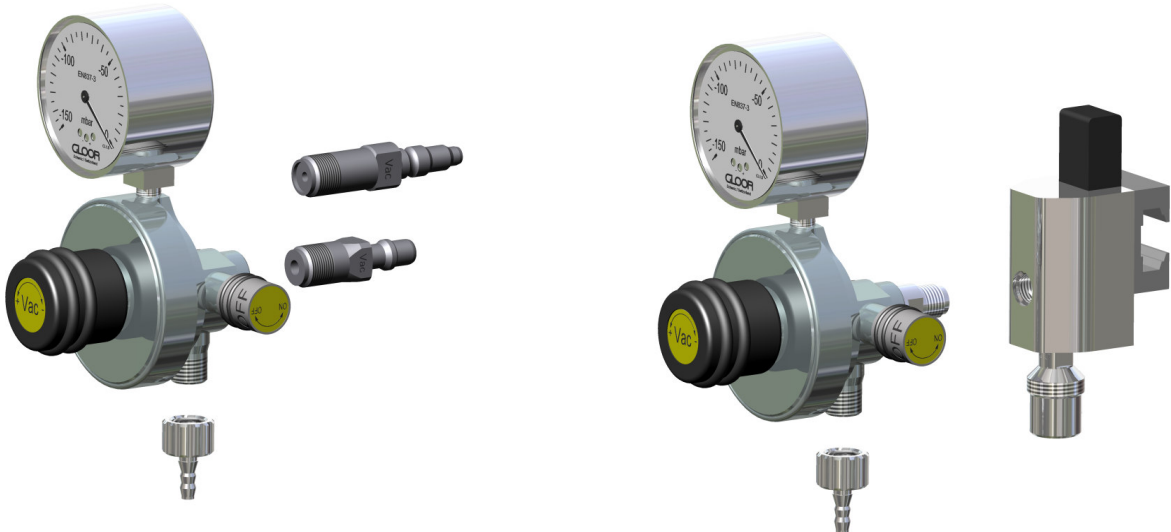
The integrated overpressure valve avoids overpressure on the side of the patient in case of faulty handling of the **low vac**. Between the aspiration connection of the **low vac** and the septic fluid jar a mechanical overflow protection and where appropriate a bacterial filter is connected directly or by means of a tube.

The **low vac** meets the requirements of EN ISO 10079-3. CE marking according to the Guideline for Medical Products 93/42/EEC.

Technical data :

Construction	diaphragm vacuum regulator
Vacuum regulation ranges	standard : 0 up to - 85 mbar overpressure valve opens at 0.05 bar overpressure thoracic drainage : 0 up to -70 mbar overpressure valve opens at max. 0.01 bar overpressure
Vacuum indication	0 up to - 150 mbar
Suction capacity	at - 25 mbar : 27 l/min at - 55 mbar : 43 l/min at - 70 mbar : 48 l/min at - 85 mbar : 52 l/min for additional information about further values, ask for our flow charts Note : the suction capacity and the adjustable range is dependent on the supply vacuum
Inlet	G1/4" R male, DIN, NF, AGA, BS, UNI probe (others on request), clamping rail bracket with NIST inlet
Outlet	threaded nipple 9/16" UNF, hose connector, M12x1 male, G1/2" male
Material	body brass, external parts nickel-plated
Sealing material	Cu, PA6, FKM, NBR, VMQ
Operating temperature	-20° up to +60°C
Dimensions	W x H x D: 92 x 147 x 133 mm
Weight	960 gr

Model variants GM701x standard / GM702x thoracic drainage :



Necessary information when ordering :

Version	standard (0 up to -85 mbar) / thoracic drainage (0 up to -70 mbar and with specific overpressure valve)
Inlet	external thread G1/4", DIN, NF, AGA, BS, UNI probe, clamping rail bracket with NIST inlet
Outlet	9/16" UNF, M12x1 male, G1/2" male, hose connector 5 or 6 mm

Subject to changes. All trademarks are the property of Gloor Ltd.

GLOOR

GLOOR LTD
Kirchbergstrasse 111
3401 BURG DORF
SWITZERLAND

www.gloor.ch
gloor@gloor.ch
Tel.: +41 34 427 47 47
Fax.: +41 34 423 15 46