

SWISS optio HP stabilo



HP stabilo

The HP stabilo at a glance :

- suitable for all applications which require very stable outlet pressure under very high flow rates
- despite its single-stage construction the integrated compensation provides constant outlet pressure also with falling cylinder pressure
- for preset working pressure up to 10 bar
- very compact single-stage construction with inlet connection from rear
- in versions for inlet pressure 200 and 300 bar available
- mainly intended for the supply of medical devices in clinics

The area of application of the medical pressure reducing valve **HP stabilo** is anywhere, where a preset working pressure is required with both high pressure stability and small construction. Due to the in-built pressure compensation it provides very stable working pressure while the gas cylinder is being emptied despite the single-stage construction. The **HP stabilo** is available for inlet pressure of 200 as well as 300 bar.

The **HP stabilo** has a gauge for indication of the cylinder pressure, and as well a pressure relief valve. The two outlets can be equipped with self-closing outlets, NIST housings or quick couplings so that for example tubes can be connected to supply medical devices.

The **HP stabilo** is preset by the manufacturer to a fixed working pressure of 0.5 to 10 bar.

The **HP stabilo** meets the requirements of EN ISO 10524-1. CE marking according to the Guideline for Medical Products 93/42/EEC.

Technical data :

Construction	single-stage inlet pressure compensated diaphragm pressure reducing valve
Inlet pressure	max. 300 bar
Outlet pressure	preset between 0.5 up to 10 bar
Flow rate	850 l/min (inlet pressure 21 bar, outlet pressure 10 bar)
Gas	O ₂ , AIR, N ₂ O, CO ₂ , He, Xe, N ₂ , test gas mixtures
Inlet	from rear for inlet pressure 200 bar : DIN, NF, AGA, BS, UNI, PIN-Index for inlet pressure 300 bar : ISO 5145, DIN 477-5 (1990)
Outlet	G1/4" inner thread, self closing outlet M12x1, NIST housing, quick coupling
Material	body brass, external parts nickel-plated
Sealing material	PU, EPDM, NBR, Si, PA, Cu
Operating temperature	-20° up to +60°C
Dimensions	B x H x D : 52 x 114 x 165 mm
Weight	1.2 kg

Model variants GM650x / GM651x :



Necessary information when ordering :

Gas	O ₂ , AIR, N ₂ O, CO ₂ , He, Xe, N ₂ , test gas mixtures
Inlet	from rear for inlet pressure 200 bar : DIN, NF, AGA, BS, UNI, PIN-Index for inlet pressure 300 bar : ISO 5145, DIN 477-5 (1990)
Number of outlets	1 or 2
Outlet	G1/4" inner thread, self closing outlet M12x1, NIST housing, quick coupling

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