

## SWISS optio HP stabilo mini



HP stabilo mini

### The HP stabilo mini at a glance :

- suitable for all applications which require very stable outlet pressure under high flow rates and simultaneously small design size
- despite its single-stage construction the integrated compensation provides constant outlet pressure also with falling cylinder pressure
- for preset working pressure or for continuous adjustment up to 10 bar
- very compact single-stage construction with lateral inlet connection
- mainly intended for the supply of medical devices in clinics

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

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

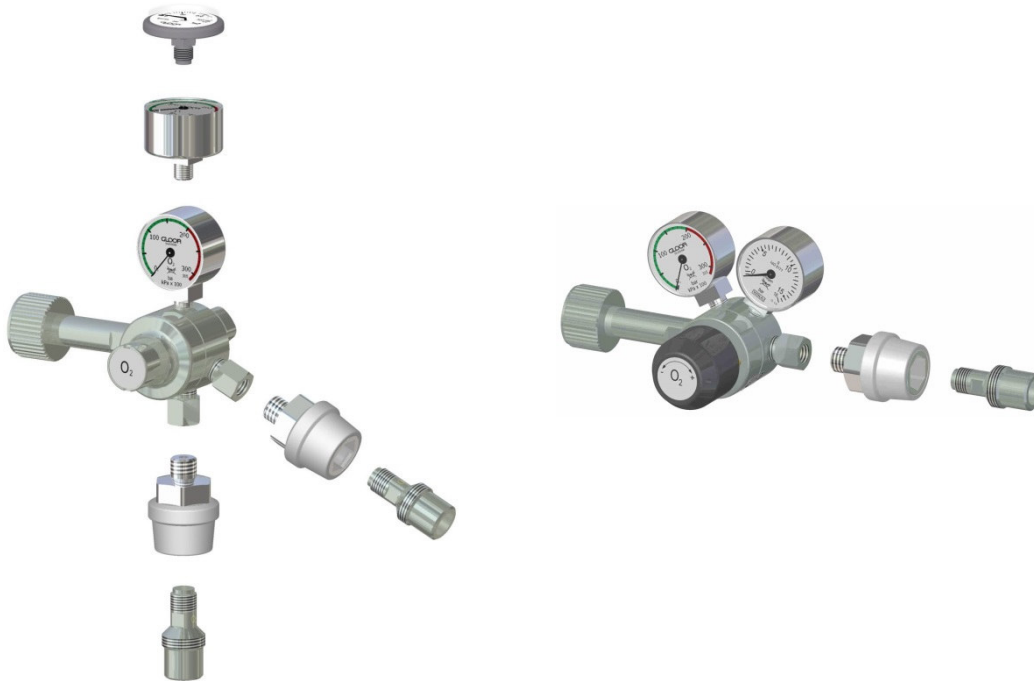
The **HP stabilo mini** is either preset by the manufacturer to a fixed working pressure of 0.5 to 10 bar or it is available with adjustable working pressure for various pressure ranges (0-1.5, 0-4 or 0-10 bar).

The **HP stabilo mini** 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. 200 bar
Outlet pressure	preset or adjustable between 0.5 to 10 bar
Flow rate	600 l/min / 36 Nm <sup>3</sup> /h (inlet pressure 21 bar, outlet pressure 10 bar)
Gas	O <sub>2</sub> , AIR, N <sub>2</sub> O, CO <sub>2</sub> , He, Xe, N <sub>2</sub> , test gas mixtures
Inlet	lateral cylinder connection DIN, NF, AGA, BS, UNI, PIN-Index (others on request)
Outlet	Version with preset pressure : 2 x G1/4" inner thread (one outlet downward, one outlet lateral 65°) Version with adjustable pressure : 1 x G1/4" inner thread lateral for self closing outlet M12x1, NIST housing, quick coupling etc.
Material	body brass, external parts nickel-plated
Sealing material	PU, EPDM, Si, PA, Cu
Operating temperature	-20° to +60°C
Dimensions	B x H x D : 119 x 94 x 73 mm (preset), 141 x 87 x 86 mm (adjustable)
Weight	700 gr (preset), 800 gr (adjustable)

## Model variants GM655x :



## Necessary information when ordering :

Gas	O <sub>2</sub> , AIR, N <sub>2</sub> O, CO <sub>2</sub> , He, Xe, N <sub>2</sub> , test gas mixtures
Outlet pressure	0-1.5, 0-4, 0-10 bar with adjustable version, or preset
Inlet	DIN, NF, AGA, BS, UNI, PIN-Index
Number of outlets	1 or 2 with preset version
Outlet	G1/4" inner thread, self closing outlet M12x1, NIST housing, quick coupling

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