

SWISS optio reducing valve for NO



Valve for NO

The **NO reducing valve** at a glance :

- piston pressure reducing valve for gas mixtures containing nitric oxide (NO)
- preset working pressure and orifice for adjusting the outlet flow
- with high pressure gauge to display the cylinder pressure
- optional fine adjustment valve at outlet
- intended for clinical usage

The **NO reducing valve** is a preset piston pressure reducing valve for use with medical gas mixtures using nitrogen as the carrier gas and containing small amounts of nitric oxide (NO) for therapeutic applications. The working pressure of the **NO reducing valve** is preset according to the customer specification. The outlet of the **NO reducing valve** has an orifice for precise adjustment of the gas flow. The gas flow can be further controlled with an optional fine adjustment valve. This function can also be achieved using an additional internal flow regulator in the gas-consuming equipment.

The **NO reducing valve** is fitted with a high pressure gauge to display the cylinder pressure. It has a pressure relief valve that discharges radially. All metal parts of the **NO reducing valve** that come into contact with gas are stainless steel (INOX).

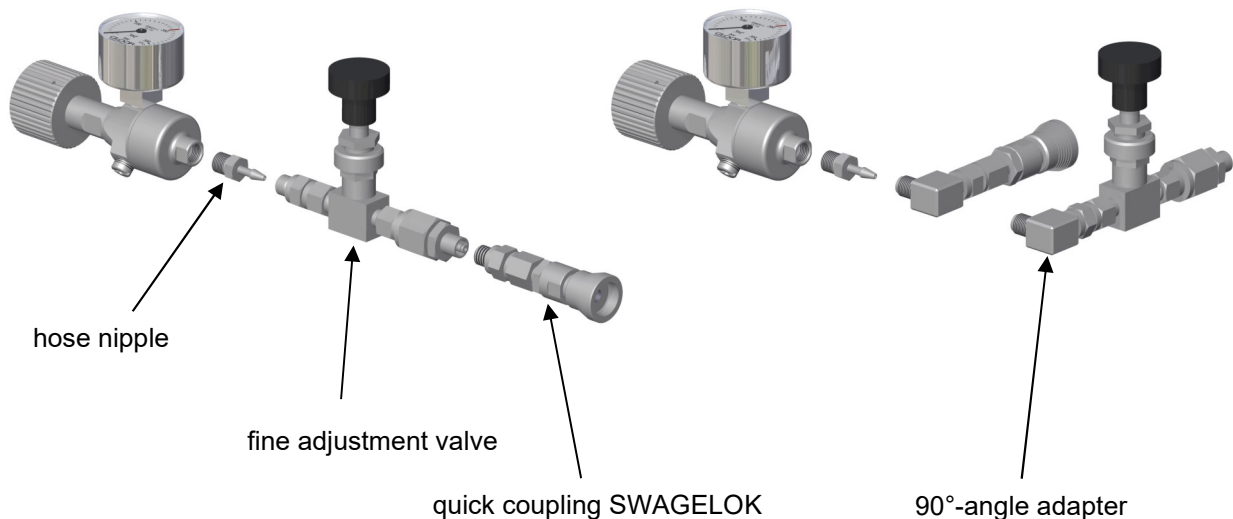
The **NO reducing valve** should only be installed by qualified technical personnel who are aware of the dangers and risks associated with the use of the gas mixture.

The **NO reducing valve** meets the requirements based on norm EN ISO 10524-1. CE marking according to the Guideline for Medical Products 93/42/EEC.

Technical data :

Classification	unit class to EU guideline 93/42 EEC annex IX, class IIb
UMDNS-Code	13-323 (Universal Medical Device Nomenclature System)
Inlet pressure	max. 200 bar
Outlet pressure	4.2 bar (\pm 0.4 bar) preset (basic version, other pressure on request)
Flow rate	according to application (max. 15 l/min), flow adjusted with orifice in the outlet
Measurement accuracy	+/- 20%
Gas	medical gas mixtures with nitrogen as carrier gas containing small amounts of nitric oxide (NO)
Inlet	gas and country specific threaded connection (hand or tool fastening)
Outlet	hose nipple (or customer specific connector)
Material in contact with gas	stainless steel 1.4305, PVDF, FKM filter : stainless steel wire mesh 1.4401 (100 micron)
Operating temperature	-20° to + 60°C
Dimensions	B x H x D : 75 x 70 x 135 mm
Weight	500 g (standard version)

Model variants GM6260 :



Necessary information when ordering :

Inlet	gas and country specific threaded connection, manual or tool fastening
Outlet pressure	4,2 bar or according customer specification
Flow rate	0.1 – 15 l/min according customer specification
Outlet	hose nipple or according customer specification

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