

Manual change-over switching station for high purity gases

Manual change-over switching station for gases with purity up to 6.0. The change-over switching station consists in the standard version of two high pressure shut-off valves for alternate cylinder operation and a main pressure regulator with safety valve. As option also available with Swagelok shut-off valve for cutting-ring union on useful outlet and on purging outlet (here with additional angle piece). Another option is the version with integrated purging outlets on the high pressure shut-off valves. Due to the modular construction, the change-over switching station can be supplied according to customer requirements.

All parts fixed on an aluminium baseplate with specific gas identification and with notes for correct operation.

Art. 7850



Inlet pressure	: 200 bar
Outlet pressure	: 0-4, 0-6 or 0-10 bar
Flow rate	: 12 Nm ³ /h (4 bar), 14 Nm ³ /h (6 bar), resp. 16 Nm ³ /h (10 bar) back pressure increase: max. 0.7 bar (at p ₂ =10 bar)
Gases	: all pure gases and gas mixtures with exception of corrosive gases
Inlet	: non combustible gases 3/4" R combustible gases 3/4" L
Outlet	: useful outlet and purging outlet : G 1/4" female
Material	: body brass, outer parts chrome-plated diaphragm : stainless steel with O-ring sealing sealing material : polyamide (PA 6), flat seal
Operating temperatures:	- 20°C to +60°C
Leaking rate helium	: < 1 * 10 E-8 mbar * l * s ⁻¹
Weight	: 4.1 kg

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