

SPECIFICATION & DATA SHEET

6.0 LAB MANIFOLDS

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Product features

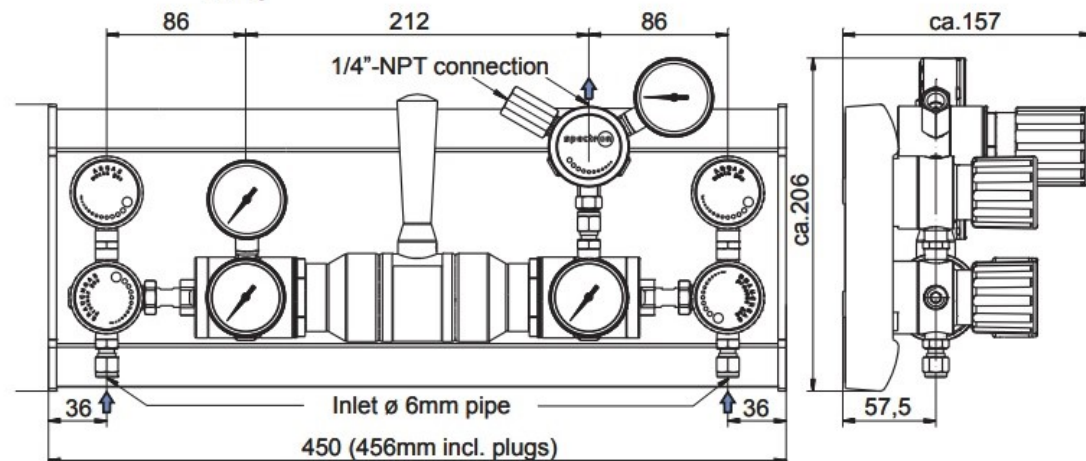
- Double-stage wall- and cabinet-mounting pressure control panels with automatic change-over function
- For non-corrosive gases up to quality 6.0
- Laboratory-style design
- Ergonomically designed
- Modular design (to be extended to 2, 3 etc. cylinders)
- Filter at the process gas inlet valve
- Diaphragm-type shut-off valves optimised for low internal volume with On/Off position indicator
- Suitable for ECD-applications
- Double stage pressure control with 3 diaphragm-type pressure regulators with high control accuracy, anti-vibration device and integrated relief valve
- Designed for easy installation
- Approved for use with oxygen
- Compact design especially for installation into safety cabinets for gas cylinders
- Minimised pressure difference between left and right

Technical data

Type	double-stage max.
Inlet pressure P1	300 bar
Outlet pressure P2	1,5 / 4 / 10 bar
Materials	
Body regulator and valves:	chrome-plated brass
Valve seat regulator:	PA 11
Valve seat valves:	PVDF
Diaphragm regulator:	Hastelloy C276
Diaphragm valve:	Hastelloy C276
Soft goods:	EPDM, FKM
Filter:	Sintered bronze B60
Inlet connector	SS compression ring fitting 6x1 mm
Temperature range	-30oC to +60oC
Leak rate (to atmosphere)	1x10 ⁻⁸ mbar l/s He
(via seat)	1x10 ⁻⁶ mbar l/s He
Pressure gauges	Safety pressure gauges ISO5171/cl
	1.6/NG50
Weight	8,7 kg

Specifications

- SPECTROLAB - components guarantee maximum quality by using high grade materials and a quality assurance program acc. to ISO 9001.
- All components which come into contact with the medium are cleaned in an ultrasonic cleaning system (CFC-free) with the special cleaning process SPECTRO-CLEAN® and are then baked out.
- SPECTROLAB - components undergo a 100% Helium-leak-test.



The right is reserved to change the specification of the items described herein at any time.