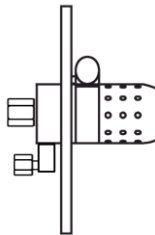


Taps for Labs

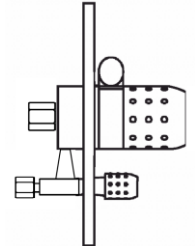
Spectrolab plus EP
Panel and fume hood mounted

Pure gas up to quality 6.0 (99,9999%)



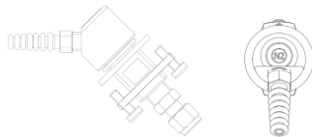
Model EM55-EP-10-G3/8-K6-He

Panel mounted without control valve.
Inlet: G3/8"
Outlet: ø6 stainless steel ferule.
Manometer in bar/psi



Model EM55-EP-10-G3/8-VK6-He

Panel mounted with control valve.
Inlet: G3/8"
Outlet: ø6 stainless steel ferule.
Manometer in bar/psi



Stainless steel outlet for wall in fume hood.
Inlet: ø6 stainless steel ferule.
Outlet: 6 mm tube stub.

Other inlet and outlet is available upon request.

Specifications

- Spectrolab® plus - systems incorporate the functions shut-off, pressure regulation and pressure indication in one compact, ergonomic unit.
- The pressure regulator is diaphragm sensed for outlet pressures up to 10 bar and piston sensed for higher outlet pressure values.
- The acetone resistant pressure gauge is safely integrated into the adjusting handwheel to create an extremely compact device.
- The diaphragm-type shut-off valve engages in the open and closed position respectively and has an additional indicator on the adjusting knob.
- All gas-wetted components have undergone the special SPECTROCLEAN® cleaning process and have been thoroughly baked out.
- For ECD-applications the devices can be treated in an extended cleaning process.
- All equipment has been 100%-helium-leak-tested using a mass-spectrometer.
- All components are plastic-coated resistant to acid and alkaline solutions.

Technical data

Materials

Body:	M55:	brass or
	E55:	SS 316L (1.4404)
Diaphragms:		Hastelloy C276
Other gas-wetted surfaces:		brass or SS 316L (1.4404)
Valve stem:		SS 316L (1.4404)
Valve seat:		PTFE
Body coating:		Polypropylene GF30

Leak rate

(to atmosphere): 10⁻⁸ bar cm³/s He

Pressure ranges

Inlet pressure P₁ (P₂ up to 10 bar): 40 bar max.
(P₂ > 10 bar): 60 bar max.
max. outlet pressure P₂: 1,5 / 5 / 10 / 50 bar

Flow rates

see flow charts