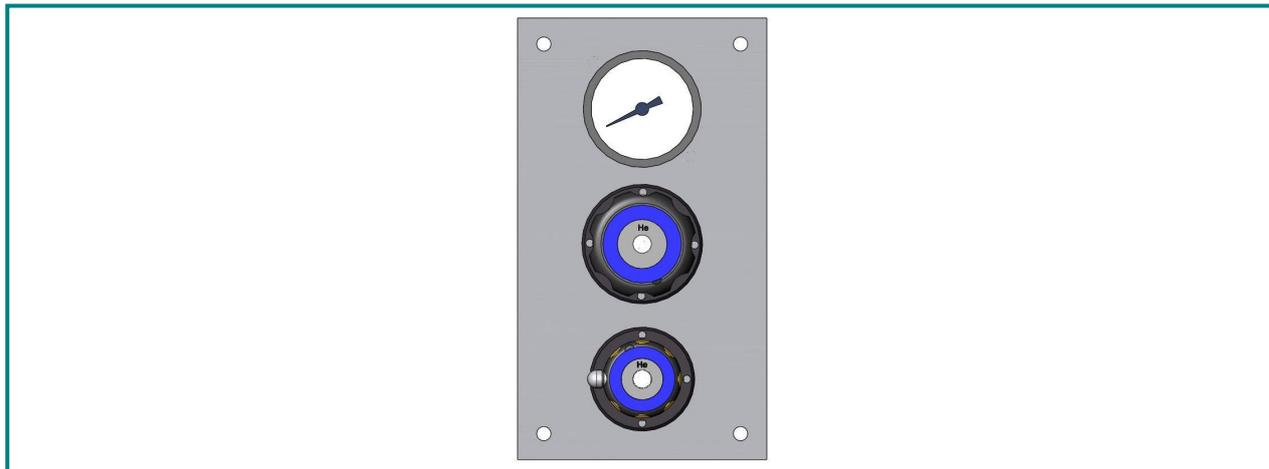# Point of use regulator HP 403
- built in version

Description:

The point of use regulator HP 403 is a built in
version, mostly used for laboratory furniture and
is mounted on a panel. The HP 403 is for
reducing line pressure to working pressure as a
second stage.

As a standard configuration the point of use
regulator will be supplied integrated in a
mounting console with a shut off valve and
gauge for working pressure. Options are
specific inlet- and outlet connections or a
metering valve.

Application area:

Especially for gases with high requirements on
purity to 6.0. Our special cleaning system for the
HP Series also guarantees the use for ECD
applications

Technical details:

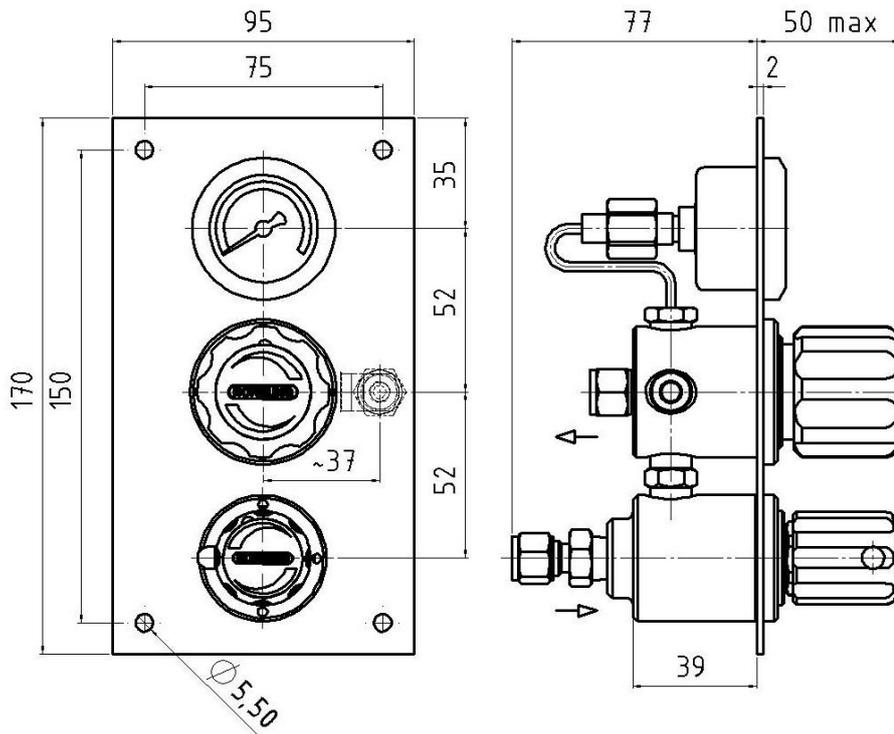|	
Body:	stainless steel 1.4404 electropolished or brass, nickel and matt chrome plated
seat:	PCTFE
Diaphragm:	1.4435
Leakage rate: against atmosphere	10^{-8} mbar l/s He
Gas purity:	≤ 6.0
Max. Inlet pressure:	40 bar
Outlet pressure range:	0,1-1; 0,1-3; 1-6; 1-10 bar
Operating temp.:	-20°C to +70°C
Gauge:	Safety version to EN 837-1 KL1,6
Dimensions (wxhxd):	95 x 170 x 127
Weight:	1400g
Connections:	Inlet G¼" f Outlet G¼" f

Hornung Quality standard
The company Hornung is certified to
DIN EN ISO 9001
All single parts are manufactured, assembled
and tested by in-house production.
The finished parts are therefore under all criteria
of German quality control with 100% final
inspection.

Accessories:

See total catalogue segment

5. Diaphragm shut-off and metering valves

6. Gauges, Screws compression fittings,
    Cylinder holders and accessories

Ordering information:

Material:

HP403   = stainless steel ectropolished
HP403MS = brass, nickel and matt chrome
                plated

Outlet pressure ranges:

01 = 0,1 - 1 bar
02 = 0,1 - 3 bar
03 =   1 - 6 bar
04 =   1 -10 bar

Options at the outlet:

01 = G¼"– internal thread
02 = compression fitting 6mm
03 = compression fitting 8mm

HP403-	02	00	Gasart
Type	Pressure	Option	Gas type