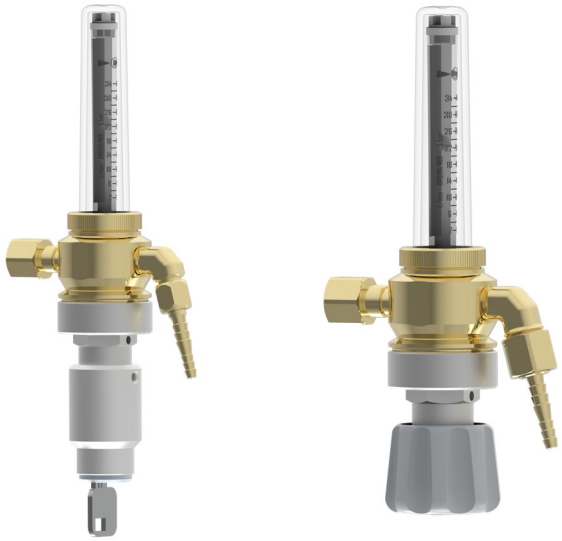
Outlet Point Optimator

The flow meter tube is calibrated at 5 bar. For accurate flow readings the inlet pressure should be max 5 bar!

For 2.5 bar version the inlet pressure should be max 2.5 bar!



Product features

The Optimator outlet point offers a cost effectivr and environmentally friendly solution to improve welding quality and reduce welding costs.

- **Efficient gas usage:** Designed to reduce welding costs by improving gas usage efficiency, which lowers operational costs and promotes environmental sustainability by minimizing gas waste .
- **Higher welding quality:** Delivers higher welding quality and reduces the risk of porosity in welds.
- **Increased productivity:** Increases productive time through fewer cylinder changes, especially when using cylinder packs.
- **Environmentally friendly:** Reduces environmental impact by decreasing transportation needs.
- **Quick return in investment:** Estimated ROI in 6 months for cost effective operation.
- **Stable gas flow:** The Optimator´s sensitive stages provide a stable gas flow for consistent and reliable welding.
- **Lockable option:** Also available as a lockable option for extra security and protection.

Technical data

Type	1-stage / pipeline
Gas	Ar/mix / CO^2/ Formier

Pressure / Flow

Inlet pressure P_1	Max 10 bar
Outlet pressure P_2	Depending on flow 0,2-1 bar
Qn	0-34L/min

Materials:

Valve body	CW 614N
Diaphragm	NBR
Valve cap	Aluminum EN 6026
Hand wheel	ZINK, ZP0410
Flow tube	Grilamid TR90°

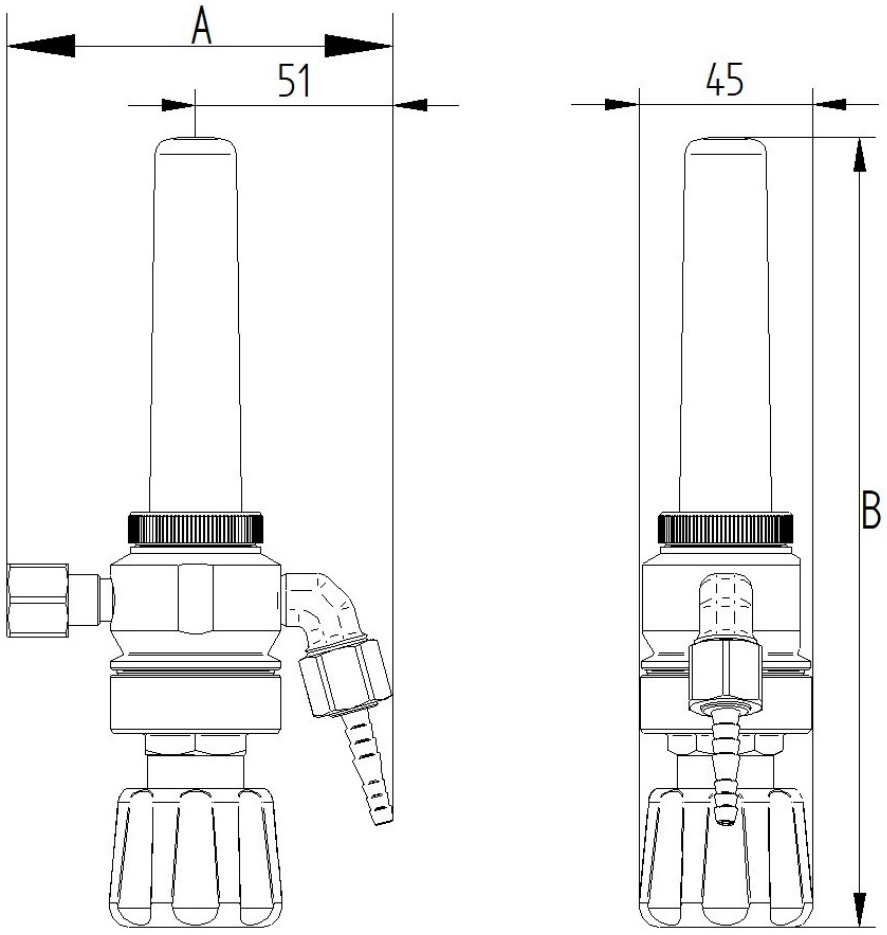
Connections:

Inlet	See page 2
Outlet	See page 2

Temperature range	-20°C to +60°C

GasIQ AB - Täljstensvägen 5 - SE 443 61 Stenkullen, SWEDEN - Tel +46 (0)302 246 80 - www.gasiq.com

Dimensions



Handwheel			
Inlet	Outlet	A	B
G3/8" F	G3/8"	100mm	205mm
G3/8" F	G1/4"	100mm	205mm
G1/2" F	G3/8"	124mm	205mm
G1/2" M	G3/8"	103mm	205mm
W21/8" F	G3/8"	123mm	205mm
9/16" F	5/8-18 UNF	111mm	205mm

Lockable			
Inlet	Outlet	A	B
G3/8" F	G3/8"	100mm	224mm
G3/8" F	G1/4"	100mm	224mm
G1/2" F	G3/8"	124mm	224mm
9/16" F	5/8-18" UNF	110mm	224mm