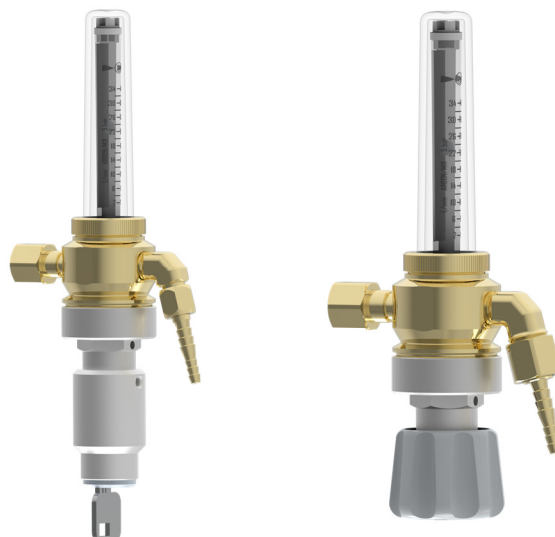


Outlet Point Optimizer

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

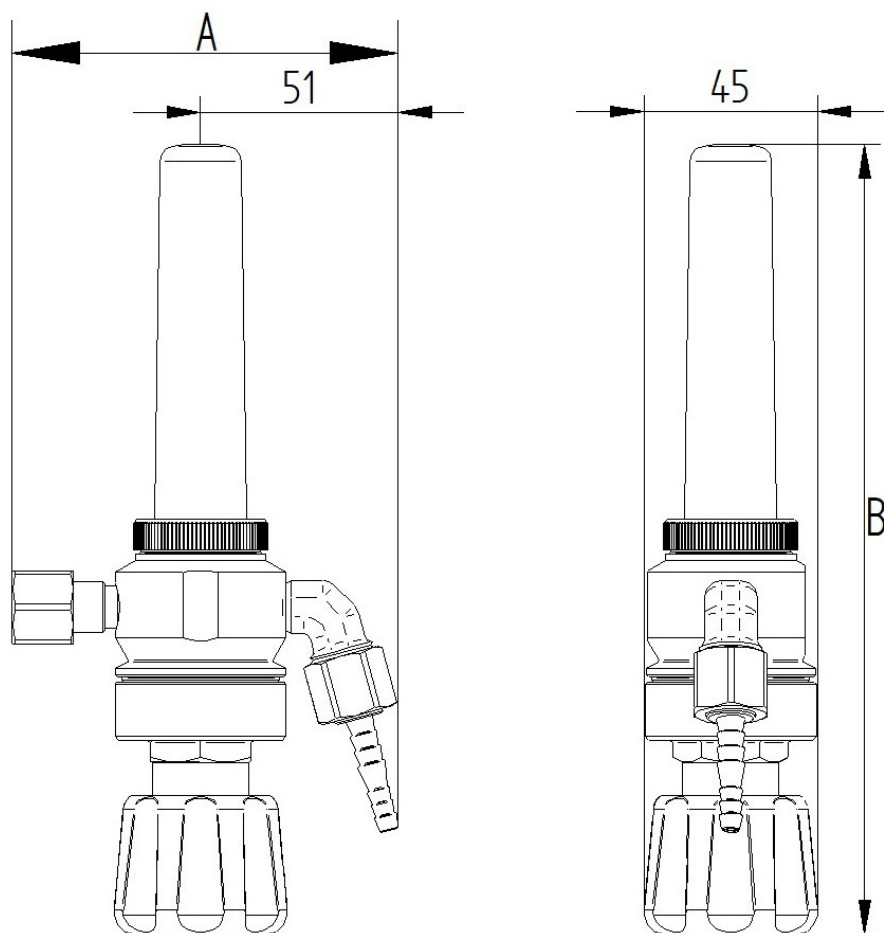
The Optimator outlet point offers a cost effective and environmentally friendly solution to improve welding quality and reduce welding costs.

- **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
Q _n	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

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