

Universal Safety Scrubber

USS1



TECHNICAL SPECIFICATION

General	Mounting	Wall & exclusively vertical
	Dimension	Approx. 42mm Ø x 281 mm (L)
	End Connection	6/4 mm OD (inlet & outlet)
Material	Body	Glass , Silicon Compound
	Seal	Neoprene / EPDM
	End Cover	PP
	End Connection	PVDF
Functionality	Sample Pressure	Up to 0.5 Kg/cm ²
	Sample Temperature	Up to 110°C
	Ambient temperature	-20°C to +70°C (Max.)

FEATURES

- » Compact Design
- » Efficient media to remove SO₃ / HF / HCL
- » Low maintenance

ADVANTAGES

- » Easy media replacement
- » No influence on measuring sample compositions
- » No moving parts
- » Excellent corrosion resistance
- » High Disposition rate of 99.99%

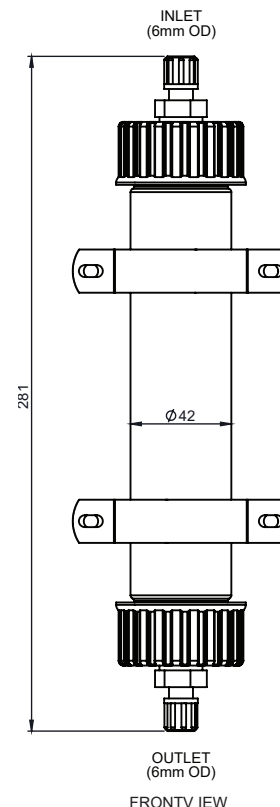
DESCRIPTION

The Axis Universal Safety Scrubber helps to protect analyzers from corrosion due to acidic gas stream components, especially Sulphur Trioxide, Hydrochloric Acid, Sulphuric Acid & Hydrofluoric Acid.

The Universal safety scrubber (USS1) can be used in lime-fired boilers, coal-fired boilers, waste incinerators, and many other applications, where SO₃, HF, and HCL in certain limits are present. This can also be installed after the cooler which ensures no carryover of acid and increase the life of the downstream components, especially the sample cell.

USS1 material condition should be checked to ensure the right result of acid removal. Life depends on factors like the presence of aggressive components, flow rate, and period till the sample passes through the USS1.

DIMENSION DETAILS



All Dimension are in MM