

# Sulfosorb<sup>®</sup> Gas Purification Systems **spectromol**

Sulfosorb<sup>®</sup> gas purification systems are designed for the removal of sulphur compounds and other impurities from gas flows.

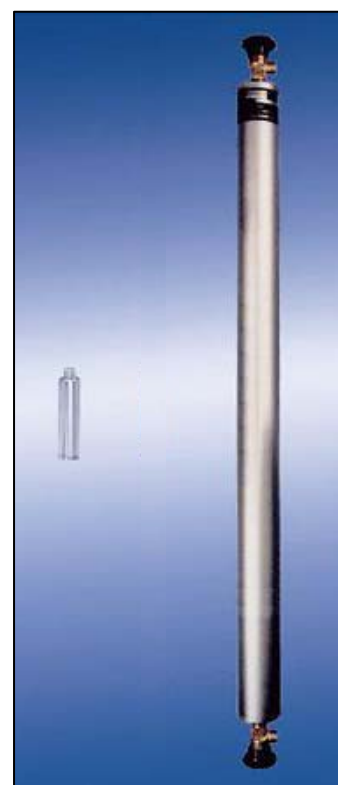
The applied process is **chemisorptions**.

**Chemisorptions:** sulphur compounds and other impurities (e.g. mercaptan, carbonyl sulphide, carbon-disulphide, hydrogen sulphide, sulphur dioxide and nitrogen monoxide) are chemically bound to a porous absorber material and therefore permanently removed from the gas flow.

For Sulfosorb<sup>®</sup> gas purification systems, activated carbon Type C is used as absorber material.

Sulfosorb <sup>®</sup>	
Applicable for	Rare gases, N <sub>2</sub> , H <sub>2</sub> , CO, CO <sub>2</sub> , saturated/non-saturated HC and compressed air
Removed contaminants	Mercaptan, COS, CS <sub>2</sub> , H <sub>2</sub> S, SO <sub>2</sub> , NO
Process	chemisorptions
Final purity	H <sub>2</sub> S and NO < 1 ppm

Sulfosorb <sup>®</sup>		
	Small cartridge	Large cartridge
Shield gas	Helium	Argon
Capacity	SO <sub>2</sub> : 500 mg H <sub>2</sub> S: 500 mg NO: 50 mg	SO <sub>2</sub> : 28 g H <sub>2</sub> S: 28 g NO: 2,8 g
Optical indication	no	no
Max. gas flow	1 m <sup>3</sup> /h	10 m <sup>3</sup> /h
Max. working pressure	10 bar <sup>1)</sup>	
Length	125 mm	1.170 mm
Diameter	29 mm	71 mm
Material	Aluminium	Aluminium
Remarks	-	Complete with 2 diaphragm type valves Connections: NPTF 1/4"
Delivery	2-pack	single
Part no.	123328	123350



1) Small cartridges can be applied with high pressure housing PN200 for working pressure up to 200 bar.

For removal of oxygen and moisture:  
For removal of moisture:  
For removal of HC and oil vapour:

see Oxisorb<sup>®</sup>  
see Hydrosorb<sup>®</sup>  
see Accosorb<sup>®</sup>

For removal of Fluoride

see Excisorb<sup>®</sup>-F

For holders, purge systems and accessories:

see Spectromol accessories