Hydrosorb[®] Gas Purification Systems spectro mol



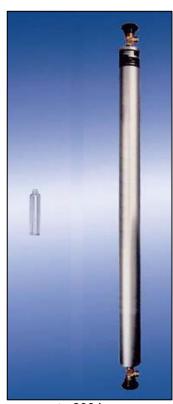
Hydrosorb[®] gas purification systems are designed for the removal of moisture from gas flows.

The applied process is based on **physisorption**:

Physisorption: moisture (and carbon dioxide) are physically bound to a porous mass and therefore permanently removed from the gas flow. Molecular sieve 5A is used as absorption material.

Hydrosorb [®]		
Applicable for	Rare gases, N ₂ , H ₂ , CO, CO ₂ , saturated HC	
	halogenated HC, N ₂ O, O ₂ and compressed air	
Removed contaminants	Moisture (and carbon dioxide)	
Process	physisorption	
Final purity	Moisture < 20 ppb	

Hydrosorb [®]			
	Small cartridge	Large cartridge	
Shield gas	Helium	Argon	
Capacity	moisture 1 Ltr	Moisture 100 Ltr	
Optical indication	no	no	
Max. gas flow	1 m ³ /h	10 m³/h	
Max. working pressure		10 bar ¹⁾	
Length	125 mm	1.170 mm	
Diameter	29 mm	71 mm	
Material	Aluminium	Aluminium	
		Complete with	
Remarks	-	2 diaphragm type valves	
		Connections: NPTF 1/4"	
Delivery	2-pack	single	
Part no.	123326	123348	



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

For removal of oxygen and moisture: see Oxisorb $^{\otimes}$ For removal of HC and oil vapour: see Accosorb $^{\otimes}$ For removal of mercaptan, COS, SC, H₂S, SO₂, und NO: see Sulfosorb $^{\otimes}$

For removal of Fluoride see Excisorb[®]-F

For holders, purge systems and accessories: see Spectromol accessories