

# HPLC Solvent Degasser

## Product Information



### Key benefits:

- Improves baseline stability and reduces noise
- Improves pump performance — fewer bubbles, less cavitation
- Improves laboratory safety — no escape of solvent vapours to the atmosphere
- Prevents bubble formation in detectors and solvent mixing systems
- Does not cause mixed solvent depletion
- Use only mains power — no need for high pressure gas supplies or cylinder

### Why you need a degasser:

It is important to degas solvents in HPLC, to reduce bubble formation when solvents are mixed and also to increase sensitivity and reduce baseline noise, particularly at low UV wavelengths. Although this can be done by bubbling helium through the solvents, this is expensive and results in the need to check and change cylinders. Helium degassing can also introduce unwanted environmental pollution into the laboratory atmosphere.

### How it works:

This degasser works by passing the HPLC solvent through an air porous membrane that is held in a vacuum. The air in the solvent diffuses through the membrane and is pumped away leaving the solvent in the channel. As the solvent cannot escape, the composition of the media will not change (some methods of degassing may cause a partial distillation and change the solvent composition). The degasser is available with either 1, 2 or 4 channels.

## Specifications

Flow Rate Range:	0.2 - 5ml/min
Gas Removal:	Better than 1ppm at 1ml/min
Vacuum Chamber:	Single vacuum chamber with one, two or four degassing lines (depending on model)
Vacuum Source:	Vacuum pump with silencer
Liquid Connections:	1/8" fittings

### Physical Characteristics

Dimensions (W x H x D):	120 x 220 x 260mm
Power:	220-240V AC, 50Hz. 200VA

Description	Part No	Qty	Price
1 Channel Solvent Degasser	6150/1	Each	
2 Channel Solvent Degasser	6150/2	Each	
4 Channel Solvent Degasser	6150/4	Each	

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