DEGASi® Prep Stand Alone Degasser

The Systec Prep Scale degassing chambers are built for the rigors of modern preparative and semi-prep scale HPLC, or when higher degassing capacity is required. Its unique design assures reliable continuous operation and the highest level of continuous performance available. The chamber is of a dual channel configuration, allowing two solvent lines to be degassed simultaneously by one unit.

Systec AF Degassing Technology

The prep / semi-prep scale degassing chambers are designed to be easy to prime, and are configured with a Systec AF degassing membrane to provide maximum degassing capacity with the absolute minimum internal volume (<3% of PTFE designs with comparable degassing capacity).

The standard prep scale design has its internal degassing membrane configured as a dual lumen tubing coil assembly, optimal for low-pressure mixing LC applications.

- Ultra-high degassing efficiency
- Low volume
- Easy priming
- Dual lumen design for low-flow resistance
- Extreme Chemical Compatibility

The degasser includes degassing chamber P/N 9000-1523

General Specifications

Degassing Channel Tubing:
- Systec AF™, 0.075 in. ID

Degassing Channel Pressure Rating:
- 70 PSIG (testing pressure)

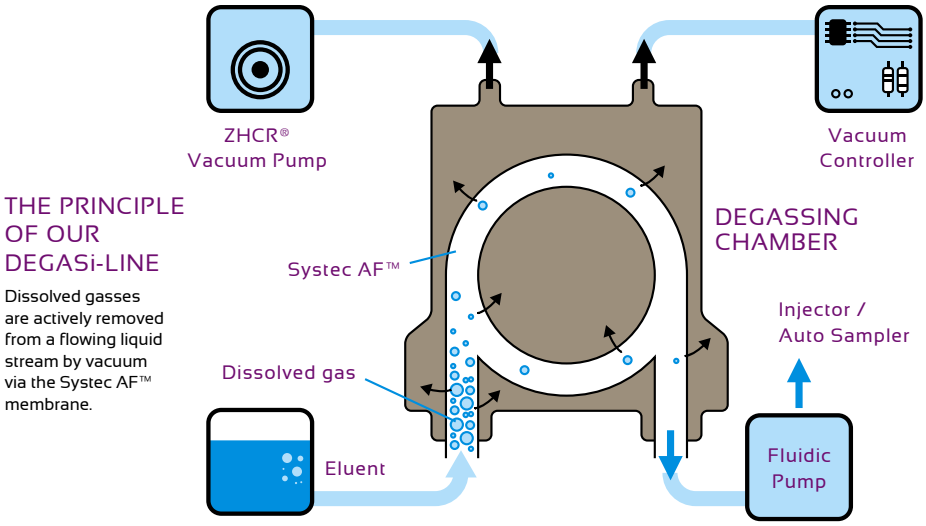
Wetted Materials:
- Systec AF, PPS, Stainless Steel and Glass-filled PTFE

Vacuum Housing Materials:
- Polypropylene and Stainless Steel

Hardware:
- Stainless Steel

Overall Dimensions
- W: 145mm D: 197mm H: 102mm

Weight
- 2.55 kg



Dual Lumen Prep / Semi-Prep Degassing Configurations[A, B]

Part Number	Application	Channel Volume (mL)	Max HPLC Gradient Flow Capability[C] (mL/min)	Pressure Drop[D] (kPa/mL/min)
0001-2053	Prep	5.3 GPC	15	0.03

A. Custom configurations are available. Consult us for your own OEM solution to your specific application.
B. The flow rates given are for a gradient mixture of 60/40 MeOH/H_2O, with a typical low pressure gradient mixing valve. Higher flow rates are possible with high pressure mixing.
D. Estimated tubing pressure per unit change in flow assuming laminar flow with a viscosity of 1.0 cP.

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