



New 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.

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



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.





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

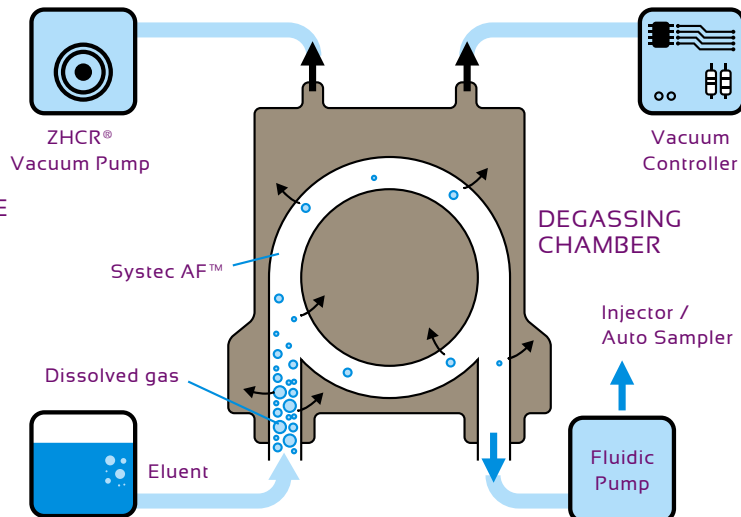
Weight

- ▶ 2.55 kg



THE PRINCIPLE OF OUR DEGASi-LINE

Dissolved gasses are actively removed from a flowing liquid stream by vacuum via the Systec AF™ membrane.



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 (rPa/mL/min)
NEW! 0001-2053	Prep	5.3 GPC	15	0.03
0001-6482	Prep	8.4	20	0.04
0001-6484	Prep	13.8	40	0.06

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/H₂O, 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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