



DEGASi®

FlatFilm

Film Degasser

NO TROUBLES WITH BUBBLES®

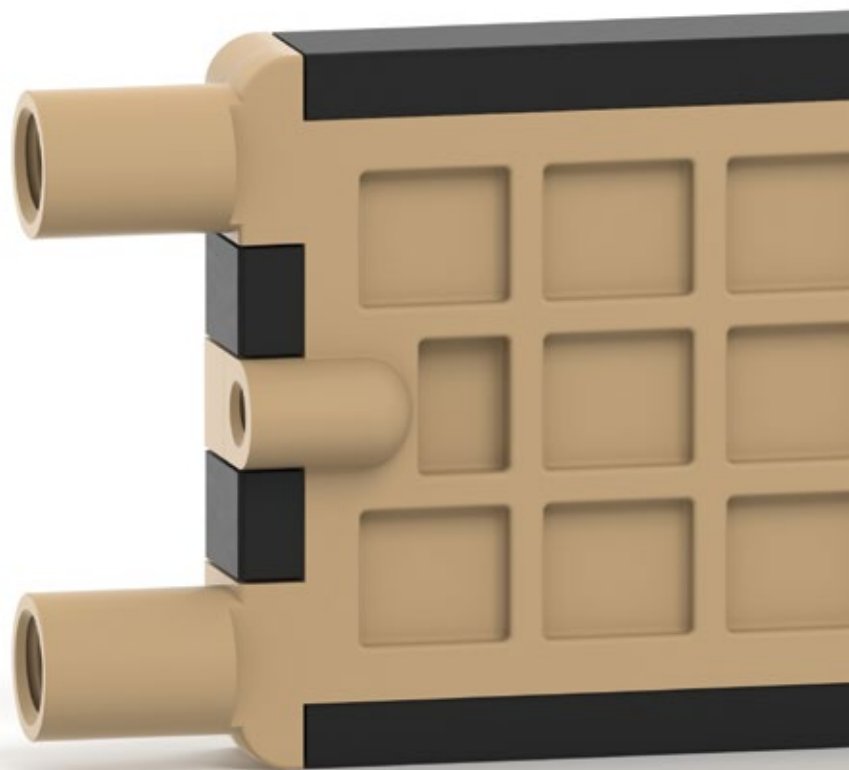


**BIOTECH
FLUIDICS**

Take Control of Your HPLC De with a Film Degasser from IDE

Our Film Degasser uses patented, cutting-edge technology that gives you powerful performance control with increased solvent compatibility. Utilizing a high-efficiency membrane and unique flow channel design, it provides the lowest fluidic resistance in the industry.

In an unprecedented leap in degassing technology, our experts have pushed the limits of what's possible when it comes to high performance liquid chromatography. Engineered using a flat film format, our Film Degasser ensures fluidic instrument precision and reliability, and delivers a transformative constant-performance vacuum design that expands the capability of your system.



More performance. More efficiency. More control.

Powerful Performance Control

Our Film Degasser uses a patent-pending algorithm that allows you to select a fixed degassing efficiency with any HPLC separation method. This enables consistent operation to reduce pervaporation and associated concentration changes. It also gives you the ability to select a given efficiency for any HPLC system, which you can program to get the exact specification you need for every application.

Extended Dynamic Range

The flat film format is much thinner than a traditional lumen tube, which makes it proportionately more efficient. The patented design also has a complete non-metal flow path that enables universal application of a single type of degasser for multiple types of HPLC Systems. You can now leverage the Film Degasser to get the lowest flow restrictions and achieve the highest HPLC degassing efficiency with improved solvent compatibility.

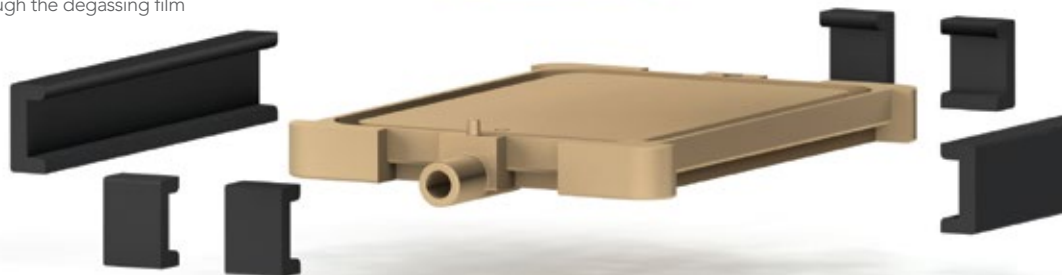
degassing Methods X Health & Science

BioVersal™

With reinforced Teflon™ AF film, the degassing chamber has a metal-free flow path and universal solvent compatibility, which includes HFIP and Hexane



Liquid flows across the film in a thin layer then dissolved gas migrates through the degassing film



High efficiency membrane in a small footprint



A means to select a given efficiency of degassing for any HPLC system



Direct link between chromatographic method flow rate and vacuum level



Consistent degassing efficiency for flow rates from 0 – 10 mL/min



Operates at highest possible pressure, minimizing solvent loss to the laboratory atmosphere



Reduced vacuum pump wear when operating at higher pressures

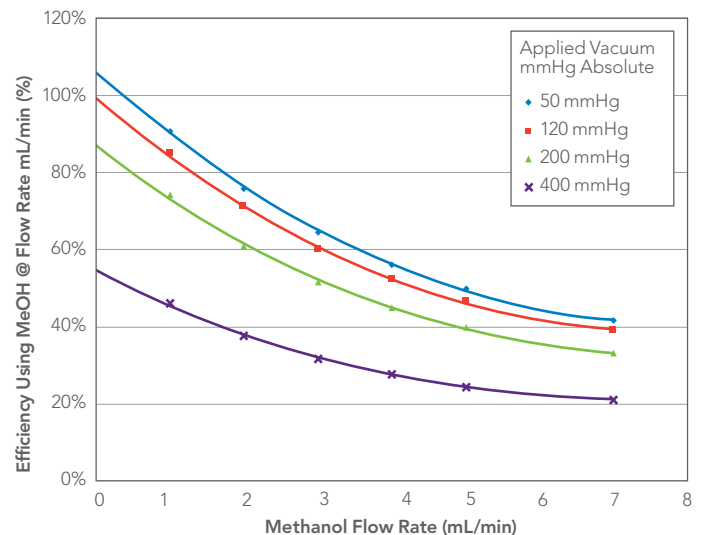
DEGASi® FlatFilm

State of the art technology in providing you No Troubles With Bubbles®

Key advantages to lumen degassers;

- Fully biocompatible metal free flow path
- BioVersal
- Full chemical compatibility including GPC solvents like hexane
- Flow resistance reduced by 90% -enabling serial use of chambers to handle higher flow rates
- Less Teflon AF - PFAS reduced by 90%

Flat Film Membrane Efficiency



DEGASi® FlatFilm	50% degassing	Swept volume	Max. fluid pressure		Solvent compatibility		Part number
1 Channel	6 mL/min	440 uL	1,8 bar	27 psi	Bio-compatible	Alkane-compatible	0003-6351-FF
2 Channel							0003-6352-FF
3 Channel							0003-6353-FF
4 Channel							0003-6354-FF
5 Channel							0003-6355-FF
6 Channel							0003-6356-FF

Fluidic connectors: Threaded 1/4-28 UNF-2B Flat Bottom, 3/8" Depth



BIOTECH FLUIDICS

Europe:
Biotech Fluidics AB
Phone: +46 300 56 91 80
info@biotechfluidics.com

United States:
Biotech Fluidics LLC
Phone: 612-703-5718
sales@biotechfluidics.com

Japan:
BioNik Inc
Phone: +81-545-38-9125
info@bionikinc.com

www.biotechfluidics.com

