Product Information

February 2026

Degassers from the DEGASi Series

Gases dissolved in eluents can lead to significant problems in HPLC analysis. Temperature and pressure changes, e. g. when the eluent exits the column or is heated for a post-column derivatisation, can lead to the formation of gas bubbles. These show up in the chromatogram as spikes and negatively influence the quality and reproducibility of your analytical results.

This can be prevented by use of a degasser. In this device, the eluent flows through a chemically inert, microporous tubing in a vacuum chamber, through which the dissolved gases diffuse out of the eluent and are thus removed.

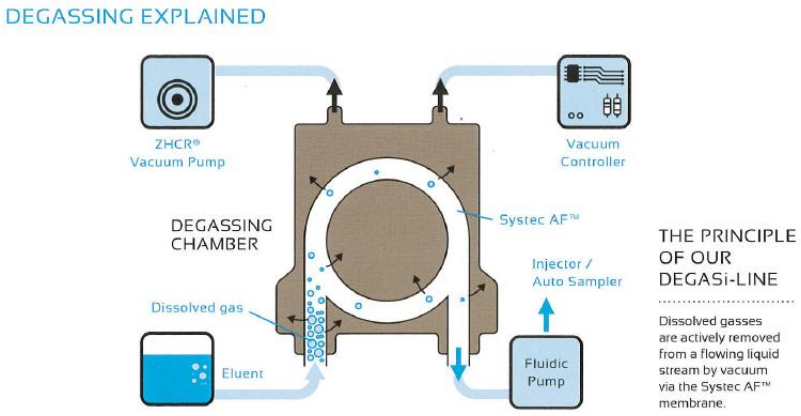

Figure – Schematic representation of the working principle of a degasser

We offer the DEGASi line of manufacturer BIOTECH. This includes suitable products for any purpose, from DEGASi Plus micro with lowest internal volume for UHPLC, over the standard degassers DEGASi Plus Classic, the space-saving DEGASi Compact, various semipreparative and preparative models up to the DEGASi High Flow for flow rates up to 1000 mL/min.

Figure – DEGASi Plus Classic

The following table gives an overview of our delivery program of the most common degassers for the HPLC laboratory. We will also gladly advise you about other products from the DEGASi series.

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P/N	Description
	DEGASi Plus Classic The first choice for most chromatography applications. Average working life > 5 years of 7/24 use. Dimensions: L x H x W = 245 x 111 x 59 mm, Internal Volume: 480 µL, Connections ¼“ 28G
49336351-A	**DEGASi Plus Classic, 1 Channel**
49336352-A	**DEGASi Plus Classic, 2 Channels**
49336353-A	**DEGASi Plus Classic, 3 Channels**
49336354-A	**DEGASi Plus Classic, 4 Channels**
49336355-A	**DEGASi Plus Classic, 5 Channels**
49336356-A	**DEGASi Plus Classic, 6 Channels**
	DEGASi Compact Extremely small, powerful degasser with reduced internal volume. Dimensions: L x H x W = 167 x 107 x 56 mm, Internal Volume: 285 µL, Connections ¼“ 28G
49342285-W	**DEGASi Compact, 2 Channels**
49344285-W	**DEGASi Compact, 4 Channels**
49346285-W	**DEGASi Compact, 6 Channels**
	DEGASi Plus Micro Use for extremely low flow rates with lowest internal volume. Dimensions: L x H x W = 245 x 111 x 59 mm, Internal Volume: 100 µL, Connections ¼“ 28G
49336351-S	**DEGASi Plus Micro, 1 Channel**
49336352-S	**DEGASi Plus Micro, 2 Channels**
49336353-S	**DEGASi Plus Micro, 3 Channels**
49336354-S	**DEGASi Plus Micro, 4 Channels**
49336355-S	**DEGASi Plus Micro, 5 Channels**
49336356-S	**DEGASi Plus Micro, 6 Channels**

Additional information on our website under
http://cs-chromatographie.de/wp-content/uploads/DEGASi-brochure-2020.pdf

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