

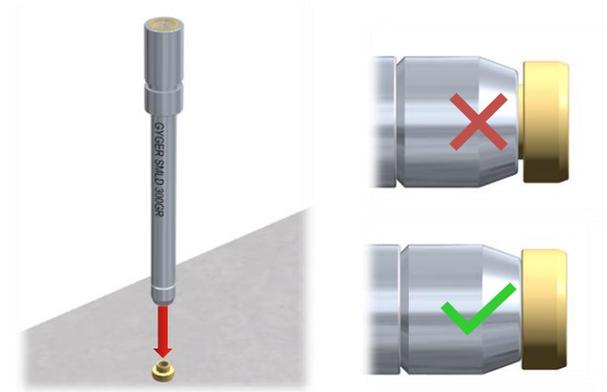
## Clip-on Filter for SMLD 300G & GR

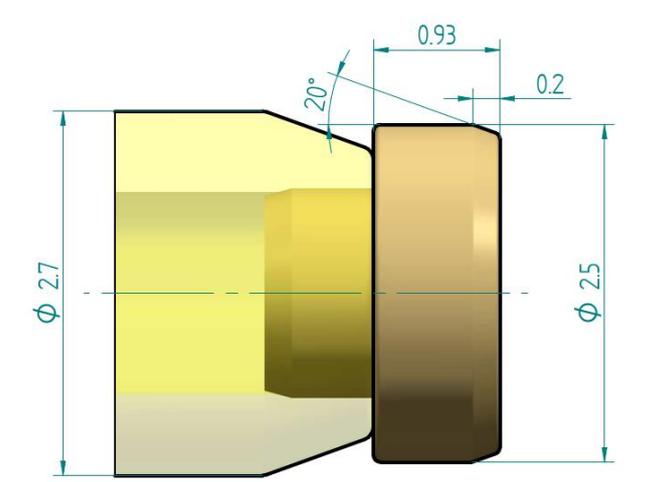
### Introduction

A proper pre-filtering of the dispensed medium is important to get a trouble-free operation with the SMLD micro valves. Of course, there are applications which don't allow a prefiltering, but basically a prefilter should always be considered to prevent the valves from clogging and leaking and improve the valve lifetime. As in our integrated filters, the clip-on filter prevents unwanted particles from entering the inside of the valve. This filter attachment is an easy way for the customer to test if an integrated inlet filter might be a good addition for its project. Because it can be easily clipped on as well as removed, it gives the customer the ability to use it as a disposable part to prevent potential cross contamination of different media in case this is needed.



### 1. Product Assembly

Assembly

<p>Place the clip-on filter on a flat surface and slot the valve over the filter and press it down carefully until there is no gap in-between them.</p>

Technical Information


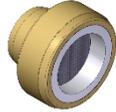
## 2. Specifications

The clip-on filter is made out of PEEK, and stainless steel 1.4401 (A316) / 1.4404 (A316L). Any pressure difference between the inlet of the valve and the clip-on filter is prohibited. The seal must be made to the metal manifold and the filter must be completely in the liquid line. The filter has a mesh density of 40 µm. Drawings and step files are available upon request.

## 3. Compatibility with other Gyger Products

Category	Description	Number	Compatibility
Valve Holder	SMLD 300G M5	19320	✓
	SMLD 300G ¼-28UNF	19318	✓
	SMLD 300G 10-32UNF conical	19314	✗
	SMLD 300G Luer Lock	24543	✓
Valve Heater	SMLD 300G M5	19256	✓
	SMLD 300G ¼-28UNF	20413	✓
	SMLD 300G 10-32UNF conical	19255	✗
	SMLD 300G Luer Lock	24583	✓
Other	Dispensing Module V8	19761	✓

## 4. Order Information

Description	Part-#
Clip-on Filter Fits to any SMLD 300G / GR micro valve with manifold inlet 	24700

## 5. Availability

June 2021