

## Ligaster

# LABORATORY FILTER SYSTEM

### FILTER MEDIA

All common laboratory filter sheets or membranes can be used. We recommend the use of our different membrane media, depth filter Micro Media, Micro Clear (with bonded activated carbon). Even sintered metal sheets can be installed.

### APPLICATION

Pressure filtration for microfiltration, also sterile filtration for liquids and gases

### DESIGN

Polished stainless steel or Hastelloy, Tri-Clamp adapter to allow easy opening and cleaning. The complete system is autoclavable. All accessories e.g. feed tanks, various connections, manometer are optionally available.

### ADVANTAGES

Because of the unique triple O-ring sealing system, filtermedia up to thicknesses of 5 mm can be used. No by-pass can appear. Also prefilter can be installed together with endfilter in the system. (for extending operating time)

### MATERIAL

Standard: stainless steel AISI 316L or Hastelloy. Sealings in Nitrile, FPM, EPDM, FEP (FPM coated by FEP)  
 Other materials on request



Type	Filtermedia $\varnothing$ in mm	Connection *	Active Filter area	Height approx.	Outside Diameter	Max. Pressure	Weight
25	25	Luer / 1/4"	3.8 cm <sup>2</sup>	3 cm	34 mm	10 Bar	0.1 kg
48	48	ND 6	11 cm <sup>2</sup>	5 cm	72 mm	10 Bar	0.8 kg
90	90	ND 8 / id 12.5	45 cm <sup>2</sup>	13 cm	114 mm	10 Bar	2.0 kg
142	142	ND 10 / id 19	123 cm <sup>2</sup>	14 cm	185 mm	10 Bar	4.5 kg
293	293	ND 20 / to id 34	580 cm <sup>2</sup>	22 cm	320 mm	6 Bar	14.0 kg

Various connection configurations available  
 Larger Diameter up to 500 mm on request