

**Enclosed Filtration System**  
**BECO INTEGRA® LAB 220 SP**

**Sheet Filtration System for Single and Two Stage Filtration**

BECO INTEGRA LAB 220 SP consisting of a feed pump and filter, was developed for processing small volumes in the laboratory, and for small productions batches an upscaling in the food, chemical, and cosmetic industries

Specific advantages of BECO INTEGRA LAB 220 SP:

- Enclosed filtration system
- Single and two-stage filtration
- Portable unit with centrifugal pump

BECO INTEGRA LAB 220 SP utilizes BECO® depth filter sheets for a nominal pore size from 17 – 0.1 µm.



**Technical Data**

<b>Max. permissible operating pressure:</b>	58 psi (400 kPa/4 bar)
<b>Max. permissible differential pressure:</b>	43.5 psi (300 kPa/3 bar)
<b>Max. permissible operating temperature:</b>	176 °F (80 °C)

**Filter**

<b>Filter sheet format:</b>	8.74" (222 mm) round
<b>Filter area:</b>	0.33 ft² (310 cm²)/ depth filter shee
<b>Weight:</b>	46.30 lbs(21 kg)
<b>Number of filter sheets</b>	
<b>Single stage filtration:</b>	2 sheets
<b>Two stage filtrations:</b>	1 x 2 or 2 x 2 sheets
<b>Cake frame width:</b>	0.39" (10 mm)
<b>Max. cake volume:</b>	0.08 gal (0.3 l)

**Material**

<b>Product contacting parts/Others:</b>	Stainless Steel AISI 304
<b>Gaskets:</b>	EPDM

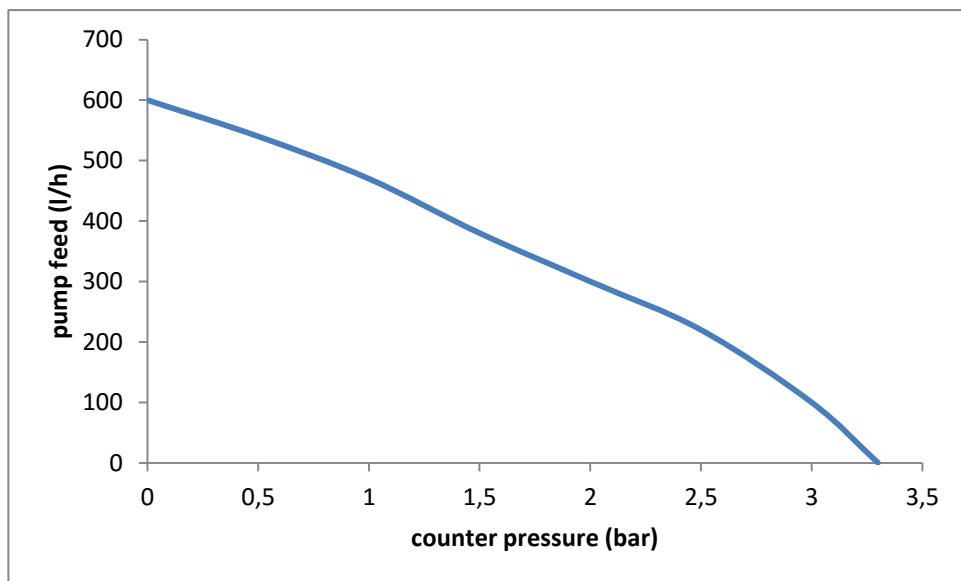
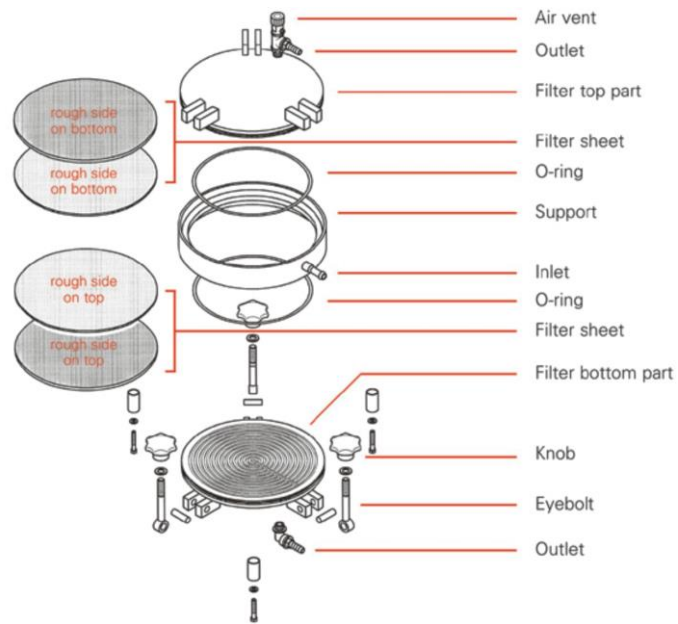
**Feed Pump**

<b>Parts contacting liquid/product:</b>	Stainless steel
<b>Sealing of housing:</b>	EPDM
<b>Rotation speed:</b>	2,800 rpm
<b>Suction height:</b>	Max. 59" (1.5 m) SL
<b>Frequency:</b>	50 Hz
<b>Voltage:</b>	220/230 Volt
<b>Power:</b>	0.37 kW
<b>Protection class:</b>	IP 44

Cable with on-off switch, approx. 78.7" (2 m)

Description	Article No.
BECO INTEGRA LAB 220 SP (centrifugal pump)	59262104
Spare control leakage shaft seal for centrifugal pump	59262110
O-ring sealing pump housing, NBR	P7800314
Set of hoses, incl. connecting pieces in SS	P7800110
Lever for round filter	P7800105
Star knob 50 x M10 (knurled nut)	P7800101

Description	EPDM	Silicone	Viton	FEP coated
O-ring round filter BECO INTEGRA LAB 220	59262117	P7800302	59262118	P7800304





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