

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

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

Filter

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

Material

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

Feed Pump

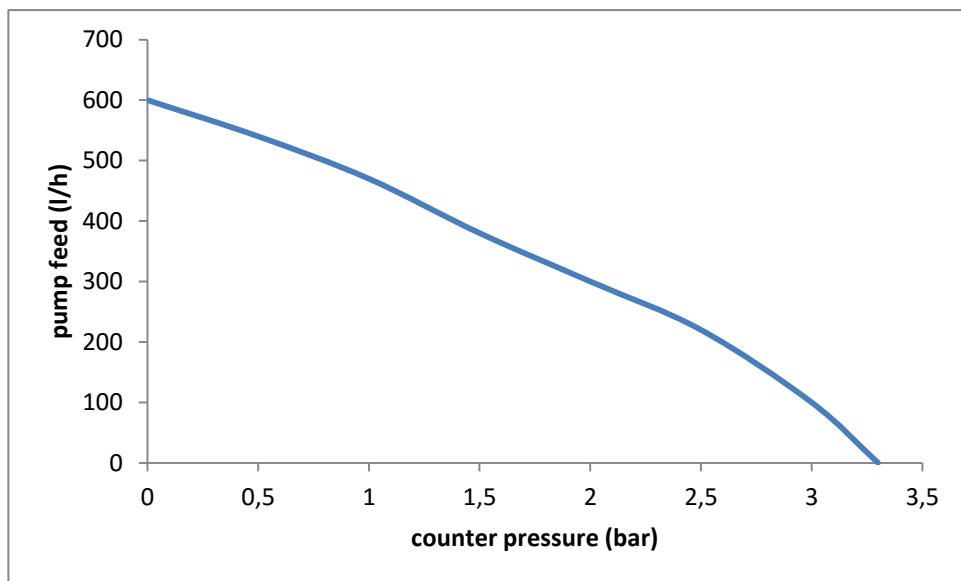
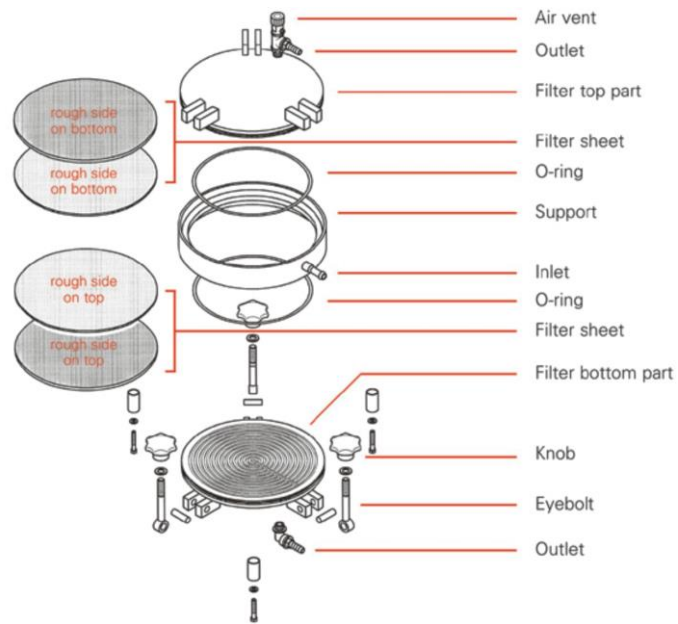
Parts contacting liquid/product:	Stainless steel
Sealing of housing:	EPDM
Rotation speed:	2,800 rpm
Suction height:	Max. 59" (1.5 m) SL
Frequency:	50 Hz
Voltage:	220/230 Volt
Power:	0.37 kW
Protection class:	IP 44

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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03-2018



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