

STRASSBURGER
FILTER 



LABORATORY FILTER
HERMETIX LAB 220

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En closed filtration system in pharmaceutical grade design

The **HERMETIX Lab 220** laboratory filter was developed for the special requirements of the pharmaceutical industry, for filtration of small volumes in the laboratory or pilot scale. In addition to the pharmaceutical industry, the **HERMETIX Lab 220** can also be used in the chemical and cosmetic industries, as well as for biotechnological applications.

The filter consists of two vertically arranged circular filter elements, to the left and right of a trub chamber. This special design enables the direct transfer of laboratory test results to production scale equipment.

HERMETIX is a multiple sheet filter in enclosed design for the filtration with depth filter sheets (optional filter cloth or paper). The 100 % hermetically sealing of the filter package without any leakages is realized by filter sheets inside and a circumferential gasket (O-ring) on each of the filter plates. This eliminates any product contact with the surrounding environment. Unique with the possibility of CIP cleaning and SIP sterilization.

Technical Data

Filter sheets	Diameter 222 mm
Filter area	310 cm ²
Weight	14 kg
Single stage filtration	1/2 filter sheets
Two stage filtrations	1 x 2 filter sheets or 2 x 2 filter sheets
Cake frame width	40 mm
Cake volume	max. 1,5 l
Operating pressure	max. 4 bar
Temperature	at - 10 °C - + 65 °C

Materials

Product contacting parts	Stainless steel AISI 316 L bzw. AISI 316Ti
Others	Stainless steel AISI 304
Gaskets / O-rings	Silicone, EPDM, Viton, FEP-coated (with FDA certification)

Fittings

In- and outlet	TC - DN 8, ISO 2852
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Additional equipment

Supplementation with compatible fittings and measurement technology according to requirements

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Special Features

Multiple possibilities of applications due to different connections, valves and pressure measurements

No leakage due to O-ring seal (different materials available)

Easy cleaning and GMP compliant design

Flexible due to the possibilities of exchange of filter sheets

Multiple applications e.g. two-stage filtration by using different SF depth filter sheets

