

NOVOX® 200 ST

LAB SCALE PLATE AND FRAME FILTER

Filter equipment for depth filter sheets and precoat filtration



Technical data

- Element size: 200 x 200 mm
- Filter area (actual): 0.034 m² per filter sheet
- Material: Stainless steel, 316 L
- Design: 2-flow channel elements
- Gasket material: Silicone or Viton

Options

- Sheet filter (plate to plate)
- Precoat filter (plate to frame)
- „OD“-Version (gasket free filter stack; ask for separate literature)

Scope of supply/Element width

- Head & end plate: 8 mm
- Elements: 8 mm
- Draff frame: 25 mm
- Diversion plate: 8 mm

Characteristics

The NOVOX® is a high precision stainless steel plate & frame filter designed and manufactured for heavy duty use – 24/7.

The unique design of the NOVOX® allows for efficient handling.

The NOVOX® 200 is the economical, rugged desk-top model for laboratory and test purposes. The smallest of the NOVOX® range allows a high operating pressure (inlet/outlet). Its versatility makes it the ideal choice for a wide variety of processes in pharmaceuticals and chemistry.

Working principle (plate and frame filter)

Plate and frame filters provide large filter areas on a relatively small footprint. The filter area is separated in single plates which form stacks. Every other plate and frame has an inlet or an outlet for the filtrate. The filtration is performed parallel over the whole surface.

Applications

There is a broad field of applications for NOVOX® series filters. The size of the NOVOX® 200 is ideal for small batches. It is also the right size for scale up trials between Lab and large production.

Its high filtration performance, top manufacturing quality and comprehensive set of certificates meet the high standards of sensitive applications such as beverage, biotech or pharmaceutical industries. The NOVOX® 200 can successfully operate in processes with high filter cakes as well as precoat filtration.

- Beverage (beer, wine, spirits, juice...)
- Biotech
- Cosmetics
- Enzymes
- Fine chemicals
- Herbal or other natural extracts
- Inks, paints and glue
- Pharmaceutical intermediates
- ...

Sizing NOVOX® 200

Frame	Sheet Filter	Plate & Frame Filter
Filter area (m ²)	0.07–1.02	0.07–0.78
Filter elements (number of)	1–29	0–10
Sheets (number of)	2–30	2–23
Draff frames (number of)		1–11
Sludge capacity (L)		0.75–8.25
Weight (kg)	52.5–76.9	54.1–88.1

Your FILTROX dealer:

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