

PLATES FILTER



Experimental capabilities

- Filtration and clarification

Operating principle

The GPAF05 bench allows the study of filtration on plates. The fruit juice is sent by using the dosing pump into the filter. The robust design of this equipment makes it perfectly suited for school use. Its anodized aluminum structure on wheels makes it very robust as well as great flexibility of integration into your premises. The manufacture of this equipment meets European machine directive.

Illustrations



Technical details

1. Dosing pump

- Stainless steel head
- Flow rate: 0-50 L/h

2. Filter

- Support frame, capstan, stainless steel screws and tray
- Trays and frames in PVDF
- Filtration plates type record 200 x 200 mm
- 2 manometers 0-5 bars (one at the input and the other at the output of the filter).

3. Supply tank

- Volume: 75 L

4. Receiving tank

- Volume: 75 L

5. Flowmeter

- Scale: 250 – 2500 L/h

Services required

- Electrical supply: 230 V - 50 Hz - 16 A
- Electrical supply type: 1Phase + Neutral + Earth
- Dimensions : (L x W x H mm) : 1000 x 1000 x 1560
- weight (Kg) : 110

Note : if the equipment installation is operated by our staff, all supplies and exhaust connections required must stand at less than 2m from the machine

Documentation

- User's manual
- Pedagogical manual
- Technical documentation of the components
- Lab exercises
- Certificate of conformity CE