



*Non contractual photo*

**SERVICE :**

**DIMENSIONS : 1200 X 500 X 1100 MM**

**REFERENCE : MP300**

**The applications of this driver are as follows :**

- Demineralisation / softening of biological or food substances
- Protein purification
- The valuation of by-products

Study ion exchange chromatography  
Distinguish the fixation and elution phases

**Technical specifications :**

- Bench to place on a work plan
- 316L stainless steel circuit, food construction,
- An altuglas® column,
- The column operates in a fluidized bed or in a fixed bed
- Three stainless dispensers, triangular mesh.
- A stainless steel feed tank
- A tank containing the elution liquid, stainless steel
- A tank containing the washing solution in stainless steel
- Plastic eluent recovery tank
- A centrifugal pump with flexible blades with protection level
- A temperature sensor in the input tray
- Flow meter
- A pH sensor and its transmitter and cabinet
- Painted steel control and protection box
- For the study of the effect of temperature:
  - A thermoregulator controls the supply temperature
  - The feed tank then has a double jacket for the circulation of heat transfer fluid.
- 500 g spherosil resin (biology application)
- 500 g of purolite or amberlite resin (TE application)