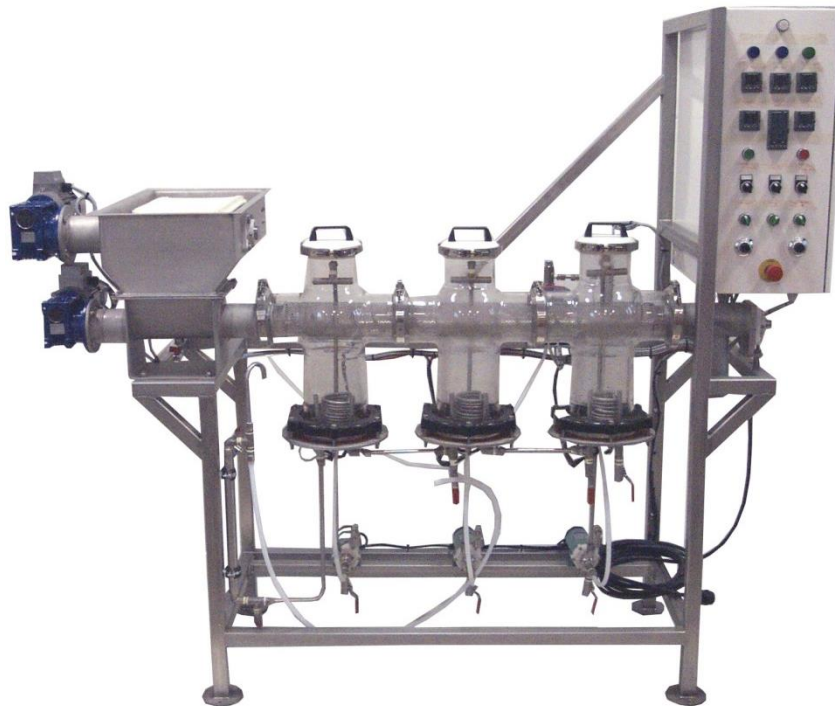


CONTINUOUS EXTRACTION SOLID LIQUID



Experimental capabilities

- **Process study**
- **Material balance**
- **Process efficiency**

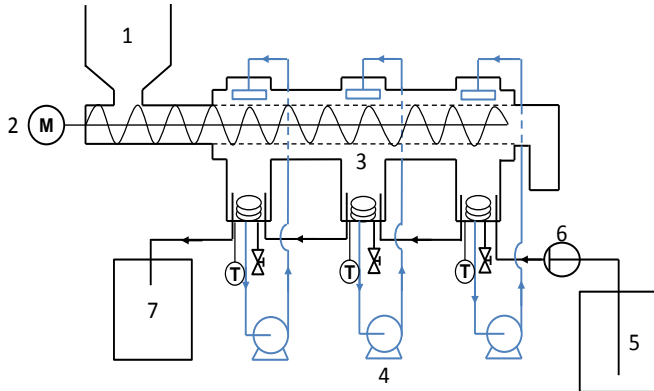
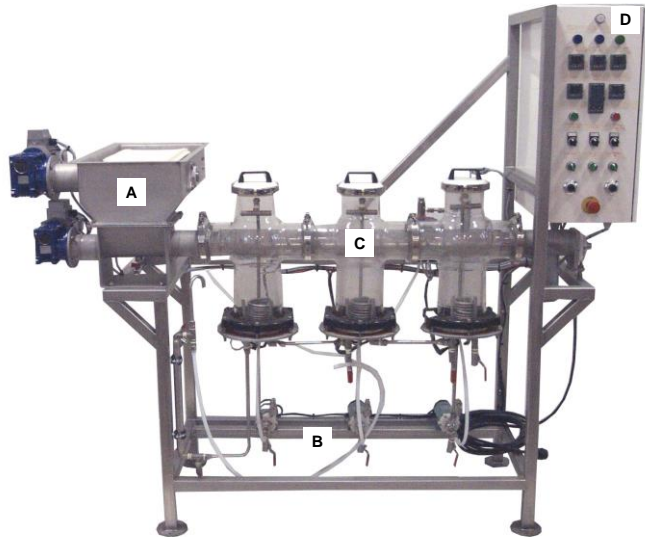
Operating principle

The robust design of this device makes it suitable for use in schools.

The equipment is set up on an Anodized aluminium frame on casters wheels. This gives it great strength and a flexibility of integration into your premises.

The manufacture of this equipment complies with the European standard for machinery manufacturing.

Illustrations



Technical details

- 1- Feed hopper
- 2- Worm screw
- 3- Extractors
 - Material: borosilicate glass
 - Solvent feeding from above
 - Recirculation of the solvent
 - Filling of the extract by outlet tube
 - Heating resistance
- 4- Recirculation pumps
 - Polypropylene body
 - Q_{maxi} : 600L/h
- 5- Solvent feeder bin
 - Material: Polyethylene
 - Volume: 35L
- 6- Feed Metering pump of the solvent
 - Q_{maxi} : 16L/h
- 7- Extract feeder bin
 - Material: Polyethylene
 - Volume: 35L

Services required

- Electrical supply : 230 Vac – 50 Hz – 20 A
- Electrical network : 1 phase(s) + Neutral + Earth.
- Dimensions: (LxWxH mm): 2200 x 800 x 1700
- weight (Kg): 300

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
- Technical documentation of the components
- Lab exercises
- Wiring diagram
- Hydraulic diagram
- Certificate of conformity CE