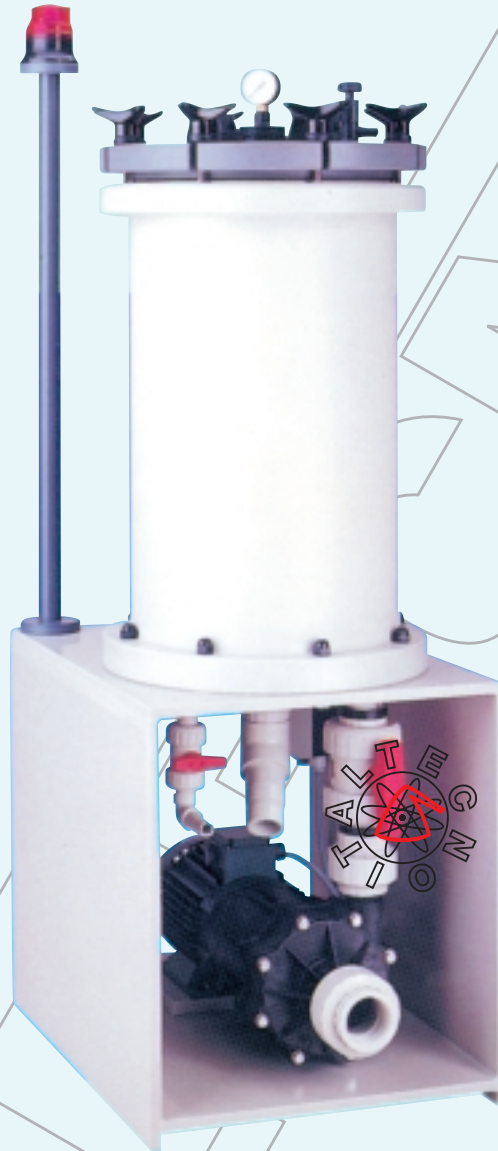


Filter pump for high temperature

## HT PUMP



Some processes in anodizing and plating require filtration of solution at high temperature, for example sealing in boiling water. The HT pump has been built in order to be resistant with liquids at 98-99 °C.

Available pump models are with cartridges or plates and paper discs.

### FILTER CHAMBER

Extensive use of polypropylene provides an

excellent resistance and mechanical strength, C-PVC lid assures the perfect closing and sealing of the filter.

Many different sizes and the possibility to use interchangeable filter paper and cartridges guarantee an excellent filtration in all circumstances.

The large filter area (filter paper 0,4÷4 m<sup>2</sup> – filter cartridges 0,9÷15 m<sup>2</sup>) increases the operation time of the filter pump.



### PUMP

It is possible to use magnetic drive or mechanical seal pumps. Thanks to the operating principle, magnetic drive pumps guarantee excellent working conditions avoiding leaks.

The nature of the used thermoplastic materials makes the pumps inert to most chemical agents. Conformity to the CE directives guarantees the very good quality and safety of the pumps.

### PUMP BASE

The shell shape and the high resistance to chemical agents are both ideal for the protection of the motor of the pump and serve as a strong support of the filtering unit.

### FILTERS

The great versatility of the filter units offers the operator the possibility to choose between different kinds of filtration or purification with the same unit:

- Process filter paper can be replaced by cartridges by simply changing the filter situated inside the filter
- The different kinds of filtration and purification (paper, meraklon cartridges washable pleated cartridges) permit to choose the appropriate system for every galvanic bath filtration

### OPTIONALS

- Suction valve
- Discharge valve
- By-pass between filter and pump
- Active carbon treatment system valves
- Gauge
- Valve between filter and pump
- Flow-meter
- Safe security system
- Wheels

The Italtecno technical service will be available when choosing the suitable HT pump.



HT PUMP	
<b>Plates</b>	<b>Cartridges</b>
Filtering area (m <sup>2</sup> ): range 0,4÷4	Filtering area: (m <sup>2</sup> ) range 0,9÷18
Performance (m <sup>3</sup> /h): range 2÷30	Performance: (m <sup>3</sup> /h) range 2÷30
Power (Kw): range 0,11÷2,2	Power (Kw): range 0,11÷2,2

