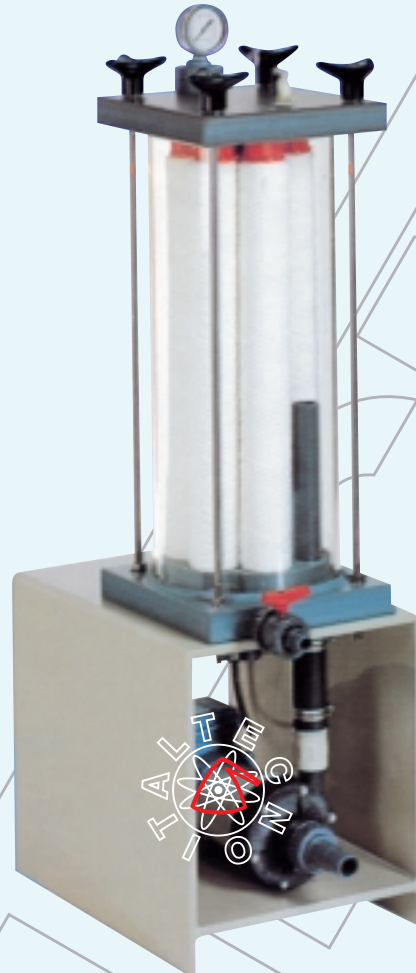


Filtration pump with filter cartridges suitable also for corrosive liquids

PFC CARTRIDGE FILTERING PUMP



Filtration is one of the most important operations in an anodizing line and in a pre-treatment line.

It ensures a longer life to the chemical solutions since they are kept without deposits and without layers at different densities. Quality of the finishing results higher with a proper filtration, without dusty deposits and local defects.

PFC filter pumps are used for filtration of galvanic baths and corrosive liquids up to a temperature of 60°C. The filtration of these

solutions is carried out by means of a magnetic drag-out pump and a filtering chamber with cartridges entirely built of acid resistant plastic material. Pushing the solution to be treated through the filtering cartridges it allows the working conditions of the liquid to remain constant.

The main characteristic of this filter pump is the transparency of the filtering chamber that allows a continuous visual control of the filtration.

Usually PP magnetic drag-out pumps with a



capacity that varies from 2000 to 10000 liters per hour are assembled on PFC filter pumps.

The special system of the pump, without direct connections between pump unit and motor guarantees a perfect hydraulic sealing. The maintenance is simplified by the small number of basic components.

The base, built of plastic material, protects the pump and at the same time it is a support for the filtering chamber.

The standard models include flexible inlet and outlet pipes, switch and discharge valve.

The advantage of the cartridge filters is that they can be cleaned and used again several times.

The disadvantage compared to paper disc is less filtration efficiency.

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

Model	Pump mod.	Power (KW)	Q max (l/h)	Cartridges n° x l"	Filtering area (m ²)	Overall Dimensions (mm)	Inlet Pipe Ø x l. (mm) (m)	Outlet Pipe Ø x l. (mm) (m)
MINI 20/P42	MPC 042	0,11	1.800	1 X 20	0,3	200 X 320 X 890	25 X 2	16 X 2
MINI 30/P42	MPC 042	0,11	1.800	1 X 30	0,6	200 X 320 X 1150	25 X 2	16 X 2
PFC 1.500	MPC 036	0,11	2.000	3 X 10	0,9	300 X 330 X 760	20 X 2	20 X 2
PFC 3.000	MPP 051	0,12	3.000	4 X 10	1,2	300 X 330 X 700	25 X 2	20 X 2
PFC 5.000	MPP 101	0,25	6.600	7 X 10	2,2	310 X 370 X 800	30 X 3	25 X 3
PFC 10.000	MPP 200	0,55	10.000	7 X 20	4,4	340 X 460 X 1130	30 X 3	30 X 3

MPC 036 pumps with monophase motor only

