



PRECISION Hersteller

Precision Hersteller introduces its state of art filter units designed for microfiltration of

- **Electroplating**
- **Phosphating**
- **Water treatment / Fine Chemicals**

Wide range of filter units designed for various capacities are capable of filtering fine impurities by using special grade filter papers along with PP Cloth or cartridges of various pore size. (From 1 micron to 15 microns)

Salient Features of filtration units

- **Effective in micro filtration.**
- **Removes extremely fine suspended impurities.**
- **Suitable activated carbon treatment online or batch treatment.**
- **Low change overtime for cleaning & paper changing.**
- **Special fluid mechanism for efficiency building.**
- **Dual mechanism filler disc pads / cartridge in the same filler unit.**



Precision Hersteller introduces an innovative micro filtration for electroplating. The filter units are designed to purify the operating baths for suspended micro impurities less than micron. The innovative design of filtration offers easy change / or cleaning of discs. The increased filtration area absorbs considerable quantity of activated Carbon.



Precision Hersteller filter unit are designed for wide range of electroplating baths from acidic to alkaline. The rubber parts are EPDM / VITON type and suitable for wide pH range. The filter units can operate up to 80 deg C solution temperature.



Precision Hersteller offers filter units with Cartridge stacking for achieving coarse filtration up to 10 microns. This is more suited for Phosphating baths wherein phosphate sludge is required to be removed.

The unique feature of filter units is the easy shifting from cartridge type to PP plates type or vice a versa, using the same filter chamber assembly.



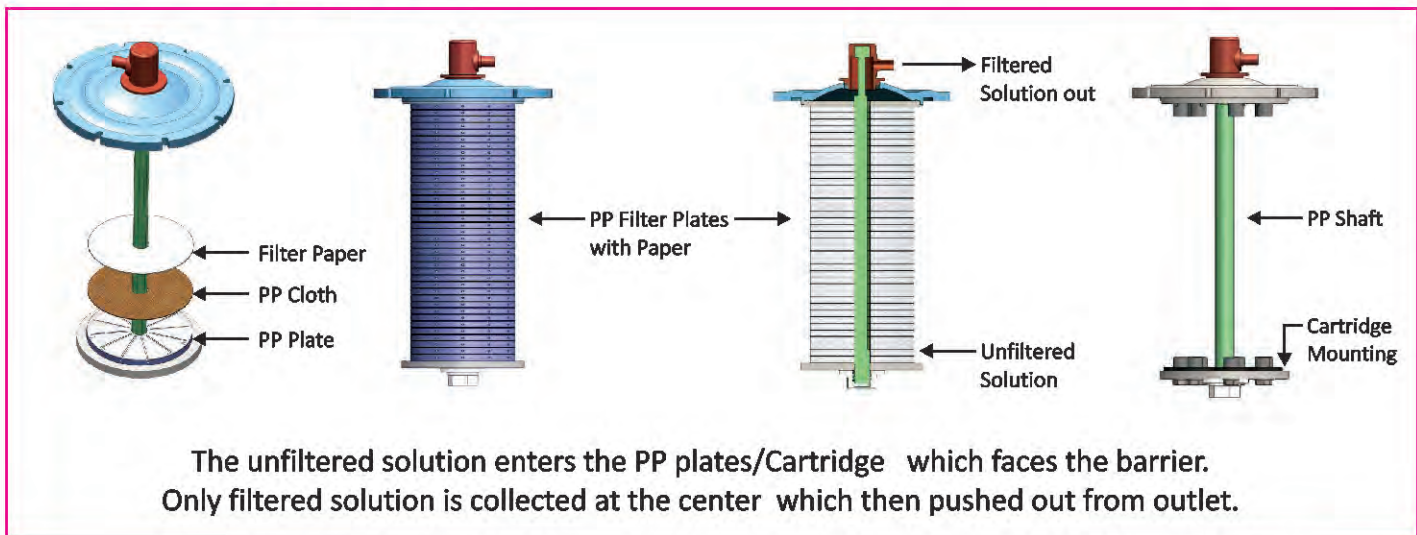
INNOVATIVE CONCEPTS IN MICRO FILTRATION

Oil separator

Precision Hersteller introduces a filter unit which is designed to filter off oil (water insoluble phase) especially for alkaline cleaner baths by a special material to adsorb oil on its fine surface leaving the operating bath oil free. The adsorbed oil can be squeezed out or centrifuged to reuse the adsorbing material . This facilitates to extend the life of operating baths and reduces the load on effluent treatments.



Mechanism of Filtration



Special filtering material

Pleated / woven cartridges made up of poly propylene fine material. Increased filtration area offers excellent efficiency. Fine pore filter papers thickness 1 to 1.5 mm offers ultra fine filter media & can absorb carbon particles for additional treatment Special SS spring hose which does not crimp or enlarge while bending and offers excellent flexibility is provided with filter units.



Selection of Model

Model No	Pump	No of Disc	No of Cartridges	Filter Area Sq.Ft	Inlet	Outlet	Out Put Lit/Hr	Voltage
PP 150	1.5 Hp	65	20" / 6	20	Flange	Flange	16000	440V
PP 110	1.0 HP	48	20" / 6	15	Flange	Flange	10200	440V
PP510	0.50 HP	27	10" / 6	8.50	1" Nozzle	1" Nozzle	5000	440V
PP310	0.250HP	15	10" / 6	4.75	¾" Nozzel	¾" Nozzel	3000	440/230

Single Cartridge Filter

PP210	0.16 HP	20"	Single Cartridge	2 to 3	¾" Nozzel	¾" Nozzel	900	220
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