



FILTERS

STRAINERS

SEPARATORS

MIXERS

VALVES

Pr. VESSELS



Simplex Basket Filters

Duplex Basket Filters

Self Cleaning Filters

Cartridge Filters

Lube Oil Filters

Compressed Air Filters

Air Filters - Panel Type

Bag Filters

Strainers 'Y', 'T', Conical'

Gravity Sand Filters

Pressure Sand Filters

Oil Separators

Mixers

SS Tanks

Dear Customers,

Technocrats from reputed manufactures of Industrial Filters, Valves, Process Equipments of yester years have joined their hands, to blend their proficiency and expertise, in propelling this new "Entity" under the banner of 'Spraytech Systems' who will cater to the needs of these industrial products.

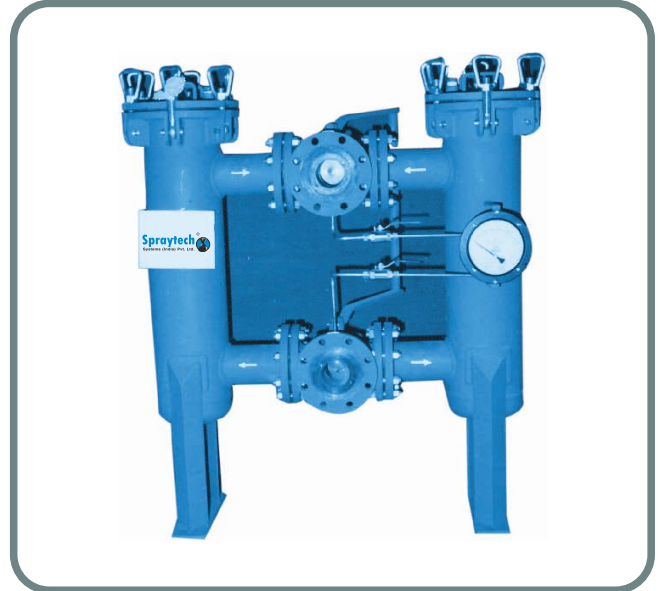
Our Product Range

Filtration

A) Duplex Basket Filters

- 1) Fabricated design with MOC in A 106 / A53 / IS 2062 / AISI304 / 316 / 304L / 316L A 312 TP 304 / 316 / 304L / 316L / A 240 TP 304 Hastelloy, alloy 20, high / low temp. Alloys. Nonferrous like Monel ,Inconel etc.
- 2) Cast Design A 216 Gr. WCB / A351 Gr. CF8[M] CF3[M] A 217 Gr. C5 / WC6 / WC9 / A352 LCB ,LCC ,LC1 etc.
- 3) For duplex filters sizes up to 4" in 3 way ball valve design, common lever for change over
- 4) "6" & above in
 - a] Transfer Valve design
 - b] Butterfly Valve design
 - c] Header design

Fabricated / cast. Operation by pneumatic / electrical actuator, Used where down time is unavailable.



B) Simplex Basket Filters

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C) Self Cleaning Filters

- 1) Wedge wire design
 - 2) SMP france STR design
 - 3) Stampings design
 - 4) Four compartments - auto wash design
- Manual / Motorized. These filters are used for water, oil, Pulp, grease applications, element is provided with backwash arm. When element gets chocked, diff.Pressure switch across the inlet / outlet gives a signal to the motor & drain gets opened simultaneously. The part of clean liquid goes in the reverse direction. Suitable where continuous flow is required. It can be supplied with control panel, motor, actuated drain valves, etc.



D) Sand Filters

- 1) Gravity sand filters
- 2) Pressure sand filters
- 3) Valveless auto gravity filters, spares for all above

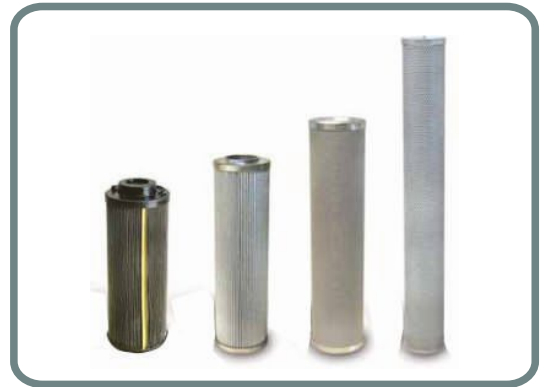
Valveless Auto Gravity Filters

1. Work on syphon, hence automatic.
2. No moving parts, hence less maintenance.
3. No pumps, electricity, compressed air required.
4. No scope for human error.



E) Lube oil Filters Element

Available in pleated wire mesh Elements / Pleated paper elements as required for highly viscous fluids. These can be supplied at higher pressures upto 300 bar, DOF as fine as 5 microns.



F) Cartridge Filters [0.1 to any micron size]

Application :- Solid Liquid, Liquid Gas, Solid Gas.

Cartridges of

PP	Borosilicate
Ceramic	Cellulose
Charcoal	Asbestos
Glass fibre	SS sintered
Cotton	Taper Basket
SS	Pleated Basket
	Wedge wire



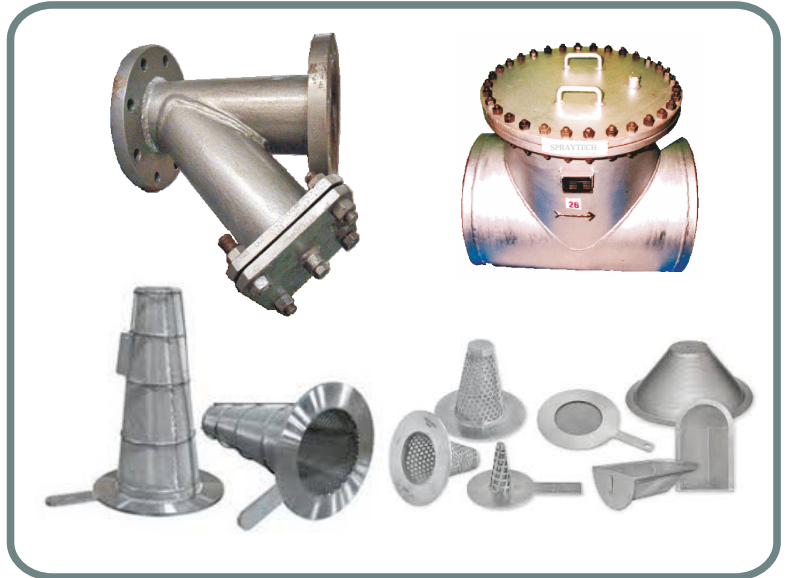
G) Bag Filters

This filter is for pressurized liquid, gas, filtration. The filter bags are extremely durable and available in various needle felt with micron rating from 1-200 & nylon monofilaments from 5-800 microns. Flow rate varies from 1 to 430 M³/ hr.



H) Strainers

- 1) 'Y' type cast / fabricated / forged
 - 2) 'T' type fabricated / forged
 - 3) Conical / Temporary, fabricated
- MOC in CS / SS / alloy steel / non - ferrous, CSEP/CSRL for housings and SS304 / 316 / 304L / 316L / MONEL / PP / Brass for element.



I) Magnetic filters

Magnetic filters to separate out iron base chips , scales with help of permanent magnets.

J) Mixers

For viscous fluid, the mixer is provided with 2 sets of blades, the outer one rotating at as low RPM as 15 to 25 & the inner one at comparatively higher RPM & in the reverse direction which mixes the ingredients uniformly all over in shortest possible time.

Other versions of mixers are tiltable, rotating at higher RPM as required for low viscosity fluids.

Planetary gear mixers are also meant for higher viscous fluids.



K) Spare Elements

MOC :

SS304 / 316 / 304L / 316L / MONEL / CS / for element.



WHAT IS AN INDUSTRIAL FILTER !

The basic function of a filter or a strainer is to arrest undissolved foreign particles & other ingredients from the fluid, before these can cause damage to costly equipments like lubricating Equipments, Heat Exchangers, Pumps, Bearings, Burners, Nozzles, Coolant Systems, etc. The difference between a Filter & a Strainer, as a thumb rule, is that, generally the Strainer is a coarse Filter. The Strainer removes the particles, which are visible to the naked eyes. Filter on the other hand removes particles, which are not visible to the naked eyes (Particles smaller than 75 microns).

That is the reason as to why, depending upon the need, Strainers are also used in series with the filters, obviously ahead of filters, so that comparatively larger or heavier particles are initially arrested by the strainers, thereby reducing the frequency of replacing & cleaning the filter element.

Filter may have applications like

1. Liquid to liquid Separation (say water & oil. or water from air oil from vapor)
2. Liquid to Solid.
3. Air / Gas to Solid.
4. Air / Gas to Liquid

The design of Filters or Strainers is tailor made, to suit the requirements of the working parameters at customers end. Normally the following parameters are required to be provided to the Designer & Manufacturer of Filters.

The fluid to be handled viz. Water. Oil, Salty water, Contaminated water, Acid, Chemical, Fertilizer, Food, Air, Gas, Steam, Paper pulp etc.

Working Pressure

Flow Rate

Degree of Filtration

Operation, Whether Manual or Motorized.

End connections desired, flanged / BW / SW / Threaded

Density

Working Temperature

Viscosity

Frequency of cleaning.

Permissible Pressure Drop.

Working conditions at sites.

Accessories

Filters or Strainers may be associated with following accessories:-

Jackets (Heating / Cooling)

Davit Arrangement

Control Panel

Differential Pressure Switch

Vent Valves

Electric Actuator

Pneumatic Operation

Spare elements

Quick Opening Arrangement

Motorized Operation

Differential Pressure Gauge.

Drain Valves.

Bypass Valve. (Pressure equalizer)

Hydraulic Cylinder

Magnetic Inserts.

start up spares

Spraytech Products at a Glance

Flow Line Products

- Spray Nozzles
- Spray Systems
- Flow Control Elements
- Flow Measuring Elements
- Control Valves
- Strainers & Filters
- Planetary Mixers, Agitators

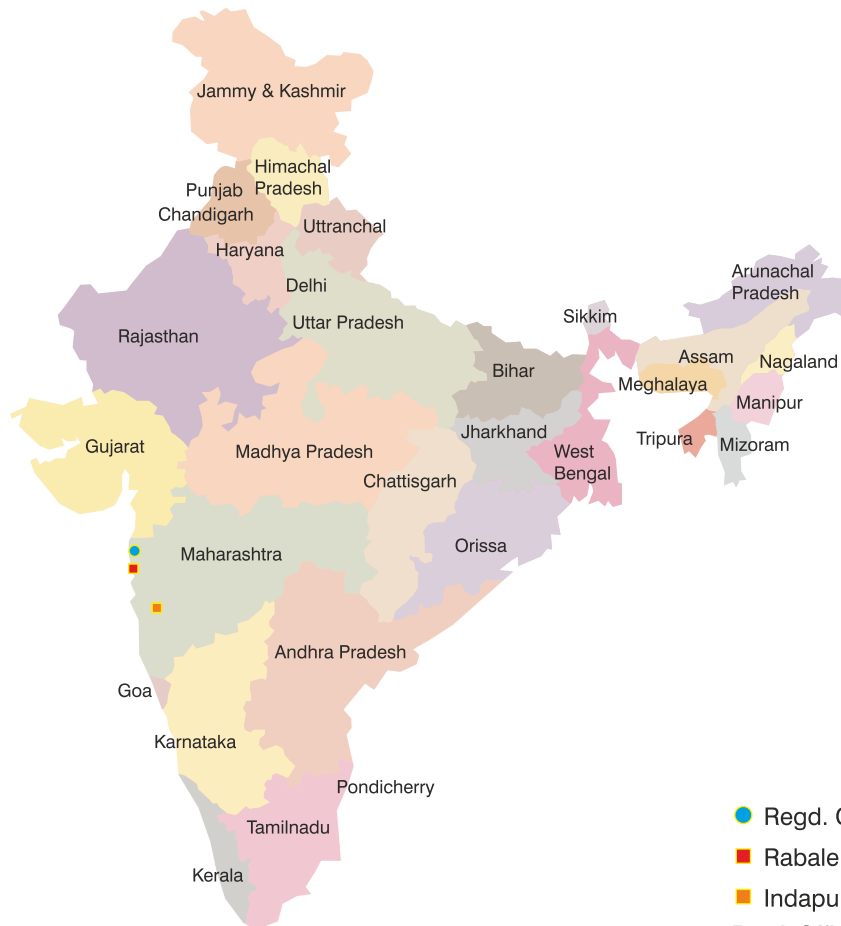
Pharma Products

- FBP, FBE, FBC, Spray Nozzles & Lances
- Wurster Coating Lance / Nozzles
- Top Spray Lance / Nozzles
- RMG / HSG Spray Lance / Nozzles
- Tablet Coating Spray Nozzles (Guns)
- CIP Spray Nozzles

Forged Products

- Forged Fittings
- Flanges
- Valve Manifolds
- Check Valves
- Plugs & Bushings
- Hydraulic Fittings
- Compression Tube Fittings

Spraytech Location Map



- Regd. Office (Thane)
- Rabale Plant (Navi Mumbai)
- Indapur Plant (Pune)

Regd. Office :

20 KMS from Mumbai International Airport



Regd. Office :

Spraytech House, Plot A-132, Road No. 23,
Spraytech Circle, Wagle Indl. Estate,
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Mumbai - Maharashtra, (India)
Tel. : 91-022-2582 8929 / 2735 / 2736
Fax : 91-022-2581 2861
E-mail :- sales@spraytechindia.com
sales1@spraytechindia.com
project@spraytechindia.com

Rabale Plant (Navi Mumbai) :

Spraytech Systems (I) Pvt. Ltd.,
Plot No.: R-513, MIDC, TTC Industrial Area,
Rabale, Navi Mumbai - 400 701.

Indapur Plant (Pune) :

Spraytech Systems (I) Pvt. Ltd.,
Plot No.: A-5,
Indapur Five Star Industrial Area,
Village - Loni Devkar Balpudi,
Tal. - Indapur,
Dist. - Pune. - 413 106