



## SCS series

**Single body with automatic cleaning device**

Our automatic backwashing filter is a self-contained automatic filtration equipment designed for continuous operation.

Typical application includes industrial and sea water filtration, as well as many machine tool lubricants and coolants.

This filtration system utilizes wedge-wire screen filter elements, in conjunction with a programmable control system (control box).

## SCS Series

### Features of the filter system

- Suitable for filter rating from 50  $\mu\text{m}$  to 2000  $\mu\text{m}$
- Flow rates max 6500  $\text{m}^3/\text{h}$
- Working temperature -10  $^{\circ}\text{C}$  + 90  $^{\circ}\text{C}$

### Materials

- Housing: Carbon steel, GRP, Stainless steel 304, 304L, 316, 316L, Duplex, Super Duplex.
- Seals: Buna-N, Viton, Teflon, Asbestos free, EPDM
- Filter elements: wedge-wire made by Stainless steel 304, 304L, 316, 316L Duplex, Super Duplex.

### Benefits of the Filter System

- ANSI flanges
- Flexibility in nozzle orientation
- Wetted parts material compatible with filtered media.
- Customized solutions
- Low and programmable maintenance
- Automatic system

### Filter Elements

- Slotted tubes

### Accessories

- Differential visual / electrical pressure gauge
- Electrical control box
- Backwashing electropneumatic valve
- Safety valve
- Shut-off valves
- Others upon request

# Application



## Certification

- ASME Section VIII with U-Stamp
- NB Certificate of Authorization
- ATEX
- PED
- Others upon request