

Mini-Rotoscan II Filters

Automatic self cleaning filters



INDUSTRIAL FILTRATION

SELF CLEANING MINI-ROTOSCAN II FILTERS

- Mini-Rotoscan II self-cleaning screen filters are manufactured in a standard industrial PP casing ensuring robustness and protection against corrosion in all operating conditions.
- They can be used for seawater filtration.
- The filtration process is carried out by the passage of raw water through a cylindrical cartridge composed of a PVC casing with external radial slots. Inside this cartridge, are located :
 - A wide mesh serving as a spacer
 - A polyester filter element
 - A PVC inner casing with radial slots serving as suction windows during the cleaning process.
- The cartridge, through which raw water passes, retains impurities of dimensions inside greater than the filtration degree of the selected mesh.
- A motorized scanner with suction nozzles, rotates periodically and clears out the retained impurities from the mesh evacuates them outside.
- The suction nozzles are mounted on synthetic springs to better bond to the surface to be cleaned.
- The filter is controlled as standard by an electronic box. Wash cycles can be initialized, either by means of a timer or according to a pressure drop.
- Screen cleaning is performed in continuous operation without interruption of service (this requires a sufficient filter feed rate to ensure washing and production simultaneously).
- The filters can be delivered without electronic box for integration and control by a centralized automation.
- One version are available for vertical mounting.



Contrôle cabinet



Filter cartridge with scanner

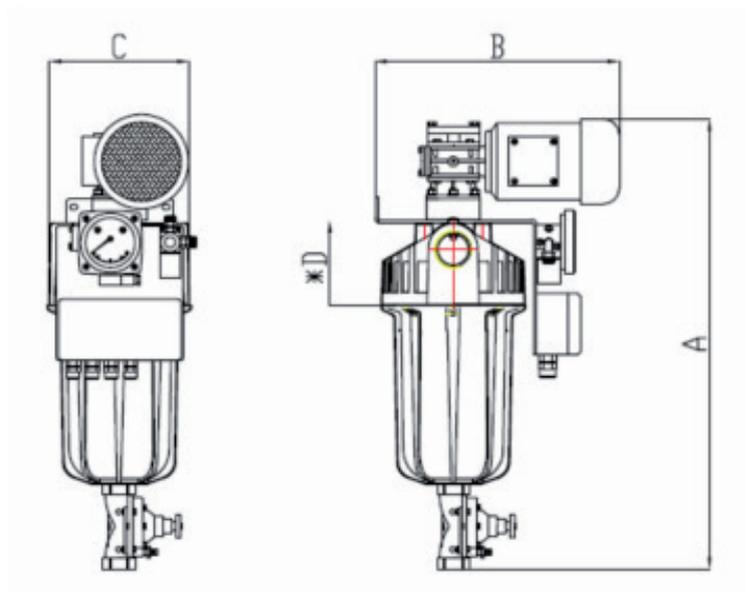
APPLICATIONS

The Mini-Rostoscan range is recommended in the following filtration applications :

- Borehole water : geothermal applications, irrigation
- Industrial water coming from waste water treatment plants
- Protection of membrane systems
- Seawater : heat pumps, hatchery
- Any industrial filtration application

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DIMENSIONS



<i>Model</i>	A mm	B mm	C mm	D mm	Kg
MINI RTS II 0700-40	610	320	190	250	7
MINI RTS II 1400-40	855	320	190	500	12