

Sterifeed

Sterifeed is a water purification system that is designed to produce feed water for autoclaves.

The Sterifeed system produces water with conductivity of 5-11 uS/cm. This is within the recommended conductivity range of 3-15 uS/cm, presented by autoclave manufacturers.

Water with a conductivity reading above 15 uS/cm facilitates salt deposits on heating elements, eventually leading to the failure of the heating element. Water with a conductivity below 3 uS/cm can attack internal surfaces of the autoclave, thusly damaging water level sensors, heating elements, and connections.

Sterifeed water provides optimal conductivity, within the range of 5-11 uS/cm, granting reliable operation of the autoclave.

A pressurized water storage tank provides a consistent water supply to the autoclave. Many autoclaves require a pressurized and purified water supply. Some autoclaves have priming pumps for purified water intake, but if the water supply is not pressurized, an air gap may block the water flow. If an air blockage occurs, the operation of autoclave is not possible until the air is removed from the system. The pressurized water storage tank of the Sterifeed system eliminates the formation of air gaps, and ensures reliable operation of the autoclave.

The Sterifeed system has an LCD display that provides information about the system status, water quality, and the remaining pre-filter life. The water softening module ensures long life of the purifying elements. These design features reduce the operational costs for your laboratory.

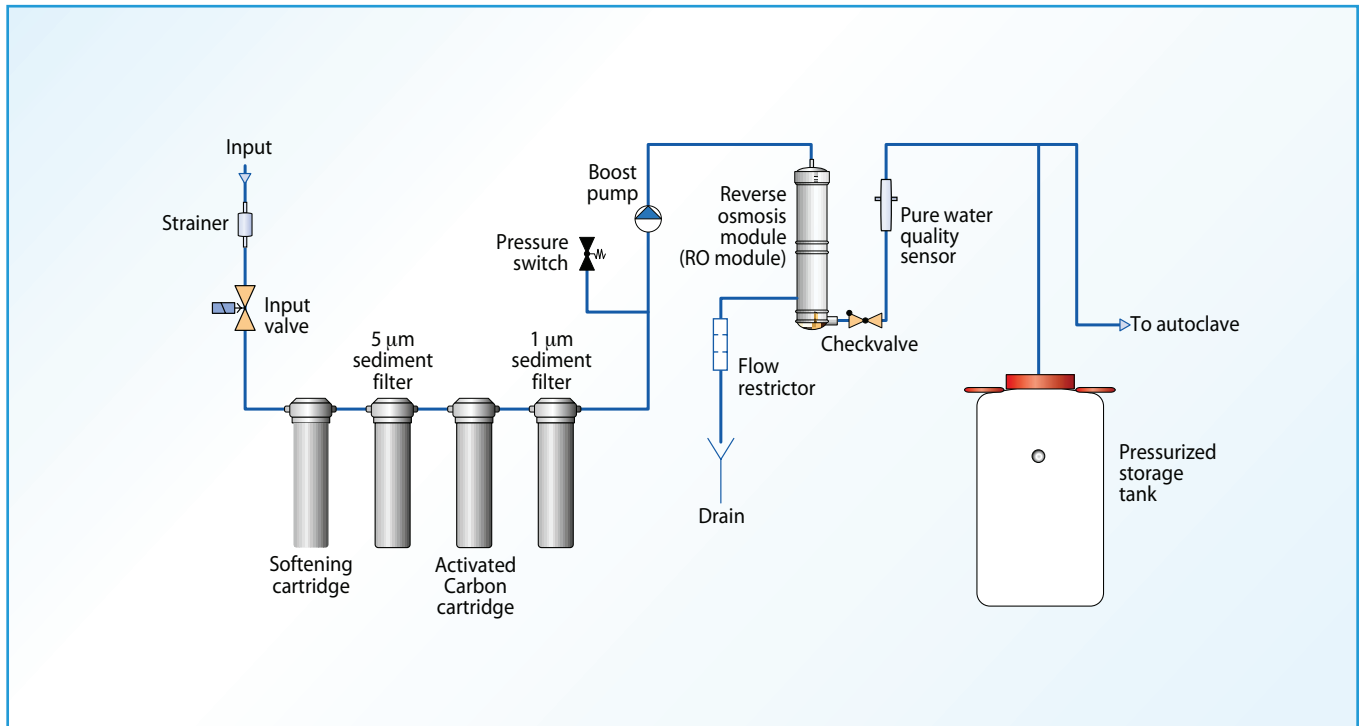
The Sterifeed comes with the necessary accessories for connection to an autoclave, and no tools are required!



Specifications

Purified water specifications	Sterifeed
Purified water resistivity	
Purified water conductivity	5-11 μ S/cm
Particles > 0.22 μ m	<1 per mL
Nominal flow, pure water (to storage tank)	10 L/h
Deionization module life	N/A
Recovery	>30 %
Dimensions (WxDxH), cm	50x20x52
Pressurized storage tank	60 L
Tanks' dimensions, cm	42x42x60
Feed water pressure	0.5 – 5 bar
Feed water conductivity	< 900 μ S/cm

Flow diagram



Consumables

Part number	Description	Replacement criteria	Comments
10016	Replacement pre-filter set, Sterifeed	Filter life counter is zero or the filter is clogged	

Ordering Information

Model	Part number
Crystal Sterifeed	CS-1002