

Phoenix One⁺

Fully automatic hot water sanitisation system



- Upgrade for the RO-System Phoenix One
- Economical hot water sanitisation, no standby costs
- Variable filling volume
- Complete sanitisation of permeate system, dialysis machine and connection hose
- Simple installation and easy servicing
- CE label and medical device approval

Hygiene	Phoenix One⁺
Economy	Safety

Phoenix One⁺

Standard Features

- **Computer controlled hot water sanitisation**
 - Operation by Reverse Osmosis System Phoenix One with key pad and backlit LCD-Display
 - Variable sanitisation time and temperature
 - Timer function
 - Selectable operation language
 - Easy setup and software upgrade by Laptop
 - Automatic storage of relevant operating data
- **Top quality piping PVDF**
 - Polyvinylidene Fluoride Standard (PVDF Standard)
 - Surface quality Ra < 0.5 µm
 - Free of additives, pigments and stabilizers
 - Physiologically inert system, hence it does not react with fluids or ingredients while in the piping system
 - Extremely low „leach out“ values for organic as well as inorganic substances
 - Disinfection possible by ozone, UV and chemicals
 - Good mechanical strength
 - Neither rouging nor corrosion risk
 - Material conforms with the FDA
 - Compliance with USP Class VI
- **BCF® Bead and Crevice Free fusion technology**
 - Excellent surface quality in the fusion zone Ra~0.55µm
 - Stress-free fusion zone
 - Highly automated, software-controlled fusion process for high reproducibility
 - Easy and cost-effective inspection of fusion with flashlight. Neither boroscopy nor x-ray inspection required
 - Fusion joint documentation available
 - The BCF® Plus fusion technology is approved by the FDA
- **Polypropylene natural (PP-n) tank material**
- **Variable tank filling volume**
- **Tank ventilated with sterilising filter**
- **Stainless steel frame**

Technical Data

- **Operating Parameters**
 - Tank volume: max. 400 l
additional tank volumes on request
 - Temperatures: 85°C standard sanitisation temperature
additional temperatures programmable
1 - 40°C shipping and storage
- **Dimensions and Weight**
 - Dimensions (WxDxH): 1085 x 800 x 1550 mm
 - Weight unit: 70 kg
- **Complete with RO-System Phoenix One:**
 - Dimensions (WxDxH): 2415 x 800 x 1750mm
 - Weight unit: 280 kg¹ (maximum membranes)
 - Weight in operation: 730 kg^{1,2} (maximum membranes)
 - Max. floor loading: 390 kg/m² ²
 - ¹ RO System Phoenix One with second booster pump plus 50 kg
 - ² Depending on tank filling volume (declaration for 400l)
- **Power Supply (complete with RO Phoenix One)**
 - Mains voltage: 400 V, 3-phase, 50 Hz ²
 - Power rating: 13 kW
 - Fuse: 25 A
 - ² Standard power supply, other voltages or frequencies on request



Polypropylene natural (PP-n) tank ventilated with sterilising filter



BCF® Bead and Crevice Free fusion technology - an internal bladder is positioned in the joint area for a bead and crevice free fusion.
(picture Georg Fischer AG)