

STERILAB MOBIL

Water Purification System with
Automatic Hot Water Disinfection

Standard Features

- The system produces the water requirement of the *hemodialysis* device in a capacity to meet the limit values in the European Pharmacopoeia.
- The system is mobile with its wheels and can be kept anywhere. The wheels are suspended.
- The chassis of the system is made of stainless steel.
- The system has plc control unit.
- The system has a replaceable particle filter and carbon filter.
- The softening system used in the system is digital and fully automatic.
- The system has a flush function in order to prevent microbiological contaminations that may occur in the system and the system operates automatically at certain intervals thanks to this function.
- The system works without the need for any external pre-treatment system.
- During the operation of the RO system, if the conductivity value set in the control unit exceeds the limits, the system gives an alarm with audio and video.
- There are at least three manometers in the system that show water inlet pressure, membrane pressure and pure water pressure.
- There are at least two flow meters indicating pure water production flow and waste water flow in the system.

HOME DIALYSIS STERILAB HEMODIALYSIS WATER TREATMENT SYSTEMS



Product Specifications

STERILAB™ MOBIL for Home Reverse Osmosis System

Model	MHD2 MOBIL
Part Number	3025790 - 230 V, 50 Hz, 3 A
Nominal Product Flow Rate at 77°F (25°C)	1970 ml/min 31.2 gallons/hr (118 liters/hr)
Dry Weight	75 kg
Power Range	230 V 50Hz 3 amps
Dimensions Vertical (of Assembled Unit)	Wide - 45 cm Depth - 75 cm Height - 85 cm

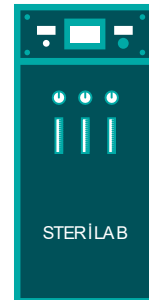
Operational Parameters

STERILAB™ MOBIL for Home Reverse Osmosis System

TDS	Maximum: 1000 ppm
pH with Chloramines	Operating: 5.5-8.5 Cleaning: 2-11
Temperature	40-90°F (4.4-32°C)
Water production decreases approximately 1.5% per 1°F (3% per 1°C) incoming water temperature drop.	
Inlet Pressure (Dynamic)	Minimum: 20 psi Maximum: 80 psi
Total Hardness	Maximum: 25 fr
Silt Density Index (SDI)	<5
Note: The components are dictated in the detailed analysis of the feed water, if any, needed in pre or post treatment of the STERILAB MHD2 Mobile RO unit	



HOME HEMODIALYSIS (RO)



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