

HD Integra®

AEROS Reverse Osmosis Water Treatment System

For Hemodialysis application

Features and Benefits

- Color LCD touch screen display
- Inverter control for RO pump
- Saves electricity up to 55%
- Saves water up to 90% depending on raw water quality
- 30 days automatic data logging (daily logging)
- Proprietary hydraulic system design for low noise, reduction of bio burden and high efficiency
- Digital measurements for flow, pressure and conductivity with rejection rate display
- Soft start to prevent water hammering on system hydraulic
- Powerful system control software
- Auto backup system in the event of RO pump failure, no more using soft water bypass
- Electronic bypass eliminating use bacteria filter
- Linkable to Heat Clean Module for RO loop disinfection
- Alarm logging and service reminder alarm
- Auto Raw water pump selection
- Master and slave touch screen configuration
- Full stainless steel construction
- Compact design
- User pre-settable schedule timer for system run/stop
- Direct or In-direct feed configuration
- Easy access to centralize water sampling port

Safety features

- High permeate conductivity alarm
- Insufficient water alarm and system shutdown
- RO pump overloading protection
- Auto backup at low permeate pressure
- Alarm log for all alarms
- Passcode protect for user menu access
- Softener regen active alarm and system shutdown
- Interlocking during heat disinfection cycle preventing RO system from running



Operating requirements

Operating pressure:	5-30psi
Operating temperature:	15°C-40°C
Relative humidity:	0-85% max, non-condensation
Water quality:	Clean city water
Water requirements:	Min 60L/min for HD30
Drain requirement:	50L/min

Technical specifications

Dimensions:	Width – 58cm
(Excl. Autotrols)	Depth – 110cm
	Height – 160cm
Operating voltage:	220-240VAC, 1P @ 50-60Hz
Power:	3.5KW - max.
Safety test:	Conforms to IEC-61010-1
RO water quality:	Conforms to AAMI/ANSI RD52/ ISO 13959
System standards:	Conforms to AAMI/ANSI RD62/ ISO 26722

Rated RO water output

Model	RO water output
HD20	20L/min
HD30	30L/min
HD35	35L/min
Other output rating available on request	

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