

centurion 1500

single patient reverse osmosis unit



- Maximum flow rates of 1.5 litres/min at 10°C
- CAT5 compliant break tank
- Internal leak detection system for peace of mind within the home environment
- Antimicrobial coated fascia
- Nocturnal dialysis programme
- Cool down technology for enhanced safety
- State of the art, touch screen display for easy control
- Integrated hot water sanitisation on Centurion 1500+
- Chemical clean programme
- Data capture
- Recirculation to the point of use
- Audible alarm with mute facility
- Optional trolley or locking wheels for ease of movement
- Optional ultra-filtration for enhanced microbiological performance
- Optional Pre-treatment filter panel for simple compact installation

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description

Centurion 1500 is an innovative, high quality water purification solution for the promotion and easy management of self-care at home as well as more traditional in-centre treatments. Our single patient unit is simple to use and has the capability of obtaining optimum microbiological performance as well as the prescriptive water quality which is essential for any haemodialysis application.

The Centurion 1500 uses proven reverse osmosis technology and is available in two models. The Centurion 1500 utilises chemical disinfection and the Centurion 1500⁺ provides additional integrated heat sanitisation.

All of our units are manufactured in the UK, under the control of ISO9001:2008 and ISO 13485:2012 procedures, and BS OHSAS 18001:2007, ISO14001:2004 accreditations. With full design and engineering traceability, ensuring full compliance with the Medical Device Directive.

Our excellent after sales service, together with in-house manufacture, offers unparalleled peace of mind for the single patient RO units.

The units are compact in design and have been innovatively developed to provide exceptional ease of use.

The unique design and touch screen control makes home care a real choice and, coupled with optional heat sanitisation capability, ensures that patient care is maintained within the home environment.

Our design allows for continual use, even in hard water areas, ensuring water purification technology can be delivered securely for patient care.

The Centurion 1500 is available with a choice of configurations and can be routinely operated within a hard water environment (routine membrane maintenance dependent), allowing maximum flow rates of 1.5 litres per minute to be obtained as standard. SUEZ Water Technologies & Solutions for dialysis applications comply with the latest guidelines for haemodialysis and are approved to the Medical Device Directive 93/42/EEC and CE marked as a Class 11b Medical Device.



technical specification

	Centurion 1500	Centurion 1500 ⁺
Performance		
Product Output (max)	1.5 litres per minute @ 10°C	1.5 litres per minute @ 10°C
Water Quality	<100 cfu/ml <0.25 EU/ml	<100 cfu/ml <0.25 EU/ml
With optional UF fitted ¹	<0.1 cfu/ml <0.03 EU/ml	<0.1 cfu/ml <0.03 EU/ml
Permeate Pressure	2-3 bar	2-3 bar
Feed Water Parameters		
Total Hardness (max)	400 ppm as CaCO ₃	400 ppm as CaCO ₃
Temperature ² min/max	1 - 25°C	1 - 25°C
Inlet Pressure min/max	2/6 bar	2/6 bar
Free Chlorine	<0.1 ppm Cl ₂	<0.1 ppm Cl ₂
Power Requirements	230V 50/60 Hz or 120V 60 Hz	230V 50/60 Hz or 120V 60 Hz
Dimensions (w, d, h)	280mm x 500mm x 860mm	280mm x 500mm x 860mm
Shipping Weight ³	39kg max	39.5kg max

¹ - In conjunction with SUEZ recommended sanitisation program

² - If the temperature falls below 10°C output will reduce by up to 3% per °C

³ - Uncrated weight

contact

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