

PURITE

Purite Integra E⁺

For hospital sterile services and endoscopy units



The Purite Integra E⁺ is a water purification unit providing HTM 01-06 / ISO 15883 quality water for use with endoscope reprocessors, washer disinfectors and other decontamination applications.

Additional features

- Completely self-contained in a robust housing that is easy to clean, maintain and transport
- Minimal installation and commissioning
- Integral, fully drainable 250 litre, stainless steel storage tank
- Integral raw water break tank with backflow protection
- BMS Alarm output connection
- Panel mounted, backlit, LCD display
- Data logging of critical parameters
- Semi-automatic membrane cleaning cycle
- Hygienic, sanitisable, stainless steel bio-sample valve on outlet
- Auto ringmain flush available for temperature control
- Leak detection system incorporated.

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The Purite Integra E range uses proven Reverse Osmosis technology in conjunction with dechlorination and particle filtration as part of the first stage of the purification process.

The purified water from this first stage is stored in an integral stainless-steel tank before being circulated via a ring main. To maintain microbiological control of the system, the circulating water is continually purified by passing it through a 0.2-micron filter and then irradiated with ultra-violet light at a germicidal wavelength of 254nm.

The Purite Integra E⁺ benefits from an enhanced thermal sanitisation feature (user settings include options to pre-program a sanitisation schedule or sanitise on demand).



Visit online!

PURITE

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Unit specifications

	Integra E ⁺
Width (mm)	1000
Depth (mm)	750
Height (mm)	1800
Max shipping weight (kg)	372
Max working weight (kg)	622
Installation requirements	
Power	400V +/- 10%+N+E, 50Hz, 3ph
Feed water	Softened
Maximum TDS (ppm)	1000
Minimum inlet pressure - psi (bar)	30 (2)
Maximum inlet pressure - psi (bar)	87 (6)
Feedwater temperature	1 - 30°C
Feedwater flowrate (litres/hour)	1000
Free chlorine	< 0.1 ppm

System specifications

	Integra E ⁺
Pure water storage	Up to 250 litres
Display panel - LCD colour touch screen	✓
Pre-treatment cartridge	-
Pre-treatment	✓
Reverse osmosis - low energy membranes	✓
Deionisation cartridge	-
Deionisation	✓
Micro filtration	✓
Loop heat sanitisation	✓
UV lamp	✓
Purified water make-up flow rate @ 10°C	600 l/hr
Purified water distribution	✓
TOC reduction	-
Recirculation pump	✓

Treated water specifications

	Integra E ⁺
Inorganics *	> 10MΩ.cm
pH	Neutral
Conductivity from RO	< 30µS/cm
Bacteria	-
Organics – TOC (ppb)	-
Particles	-
Endotoxins	< 0.25EU/ml
Dispense modes	Pressurised outlet
Dispense flow rate/Pressurised outlet (8mm)	-

* For enhanced inorganic and organic quality the unit can be fitted with either 10, 15 or 18MΩ.cm polishing deionisers packs.