

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.

Available in two versions:

- Purite Integra E^H is for hard feedwater
- Purite Integra E^S is for softened feedwater.



Visit online!

PURITE

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Errors and omissions excluded. Purite reserves the right to change the specification in accordance with our programme of continual improvement.

Unit specifications

	Integra E ^S	Integra E ^H
Width (mm)	1000	
Depth (mm)	750	
Height (mm)	1800	
Max shipping weight (kg)	310	
Max working weight (kg)	550	
Installation requirements		
Power	230V/50Hz +/- 10%	
Feed water	Softened	Potable
Maximum TDS (ppm)	1000	
Minimum inlet pressure - psi (bar)	30 (2)	
Maximum inlet pressure - psi (bar)	90 (6)	
Feedwater temperature	1 - 30°C	
Feedwater flowrate (litres/hour)	1000	
Free chlorine	< 0.1 ppm	

System specifications

	Integra E ^S	Integra E ^H
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	225 l/hr
Purified water distribution	✓	
TOC reduction	-	
Recirculation pump	✓	

Treated water specifications

	Integra E ^S	Integra E ^H
Inorganics *	> 10MΩ.cm	
pH	Neutral	
Conductivity from RO	< 30µS/cm	
Bacteria	-	
Organics – TOC (ppb)	-	
Particles	-	
Endotoxins	-	
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.