purite integra e+

water purification systems to provide HTM 01-06 / ISO 15883 quality water for endoscope reprocessors, washer disinfectors and other decontamination applications.

- Water purification units to provide HTM 01-06 / ISO 15883 quality water for use with endoscope reprocessors, washer disinfectors and other decontamination applications
- Fully compliant with HTM 01-06 and ISO 15883
- 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
- Automatic hot water sanitisation cycle
- 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
- Can supply ring mains of potentially up to 200 metres (application and site dependent).

suez

purite integra e+

water purification units to provide HTM 01-06 / ISO 15883 quality water for use for endoscope reprocessors, washer disinfectors and other decontamination applications.

description

Integra E+ 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 system requires a softened feed water and has been developed specifically to meet the requirements of the latest decontamination guidelines for 'final rinse water'. It features thermal sanitisation, which can be set to sanitise automatically to a pre-programmed time or on demand.

As standard, Integra E+ is equipped with integral data logging technology, which facilitates capture of all key operating parameters, including alarm states, water quality and system performance, thus providing a permanent record of operation – essential for validation history.

technical specification

Feedwater requirements	
Temperature (°C)	1 - 30
Hardness (ppm as $CaCO_3$)	< 4
Pressure (bar)	3 - 6
Consumption (l/hr)	1,000 max
Drain flowrate (l/hr)	300
Recovery rate (%)	70
Purewater	
Make up flow rate @ 10°C (l/hr)	600
Purified water output	1,000 l/hr at 4 bar to 3,000 l/hr at 2.5 bar
Pure water storage	Up to 250 litres
Purified water quality	
Conductivity	< 30µS/cm
Total viable count	< 10cfu/100ml
Endotoxin	< 0.25EU/ml
Silica	< 0.2 mg/l
Power requirements	
Power requirement (V/Hz)	400V ±10%+N+E, 50Hz, 3ph
Energy consumption[1] (kWh)	0.6 - 1.3
Dimensions	
W x D x H (mm)	1,000 x 750 x1,800
Weights	
Working (Kg)	622
Shipping[2] (Kg)	372

[1] Maximum power consumption during thermal sanitisation
[2] Includes packing case.

contact

Water Purification Systems

Email: mail.waterpurificationsystems.uk@suez.com

Web: www.suezwatertechnologies.com/products/water-purification

The application of these marks only confirm that the QMS have been approved by LR, they are not an endorsement, by LR, of any products or services offered by SUEZ WPS