

integra c

high quality and high volume pure water
for clinical diagnostic analysers



- Compact, versatile system
- Easy to set up, use and maintain
- Low running costs
- High reliability, low maintenance
- Energy saving features
- Manual by-pass for emergency cover
- Produces 60 to 190 l/hr

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water purification and distribution for clinical diagnostic analysers

description

The Integra C is a compact, mobile, water purification and distribution unit. Fully integrated, it incorporates reverse osmosis, ion-exchange (optional), carbon dioxide membrane degassing (optional), ultra violet irradiation and bacterial filtration technologies (optional), to produce purified water that meets requirements of all Clinical Diagnostic Analysers.

- Range of make-up rates 60/120/190 l/hr to suit a wide range of Analyser requirements
- Integral 50 litre purified water storage tank eliminates the need for external tanks
- Carbon dioxide membrane degasser to enhance deioniser capacity (optional)
- Range of polishing deionisers for higher volume users
- Full colour intuitive LCD touch screen for ease of operation
- Variable speed distribution pump to conserve energy during periods of low demand
- Cat5 compliant break tank to comply with water regulations
- Manual by-pass to provide continuity of service in an emergency

technical specification

	HP60	HP120	HP190
Dimensions			
Width (mm)	890		
Depth (mm)	500		
Height (mm)	840		
Max shipping weight (kg)*	54	64	72
Max working weight (kg)	97	107	117
Installation requirements			
Power	230V 50Hz		
Feedwater	Hard Potable	Softened	
Total dissolved solids	1000 ppm		
Inlet pressure (min-max)	2-6 bar (30-90 psi)		
Feedwater temperature	1-35°C		

* includes packaging

Treated Water Quality Specification	
Resistivity**	>10 MΩ-cm
pH	Neutral
Organics	<30 ppb
Particles*	<0.2µm
Bacteria*	<1cfu/ml
Performance	
Make-up flowrate based on 10°C feedwater	60/120/190 l/hr
Purified water distribution	Up to 360 l/hr and a max of 3 bar
Process Technologies	
Pre-treatment	Disposable carbon media pack
Reverse osmosis	Low energy membranes
Carbon dioxide Degassing (optional)	Hollow fibre membrane
Deionisation (optional)	Nuclear grade mixed bed
Water storage	50 litres
Recirculation pump	Variable speed
UV irradiation	Bactericidal 254nm
Microfiltration	(optional) 0.2µm
Display	Full colour LCD

* with optional 0.2µm bacterial filter

** with optional ion-exchange cylinder

contact

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