

integra 200e

self-contained ro / edi system



The Integra 200E water purification unit provides high quality water for laboratories, utilising the latest low energy reverse osmosis membranes and electro-deionisation technology.

Additional features

- Self-contained, fully bundled, "plug and play" package designed to reduce installation and service times
- Efficiently delivers highly purified water; make-up flow rate of 200 l/hr
- Utilises reverse osmosis, electro-deionisation, ultra-violet irradiation and bacterial microfiltration
- Standby mode and variable speed pumps to minimise power consumption and running costs during periods of low demand
- LCD touch screen with password controlled menu access
- Automatic alarm notification system monitoring leakage and quality of water
- Compact, fully bundled, stainless steel skid package with anti-vibration mounts
- Category 5 backflow prevention to protect mains supply
- Automated chemical cleaning program
- Optional water storage available, 350, 500 and 1000 litres.

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integra 200e features

Our Integra range is ideal for laboratories requiring greater daily volumes of purified water with several points of use. Our Integra HP and Integra L systems deliver laboratory grade deionised water from 60-600 litres per hour, while our Integra 200E system is a low energy, self-contained unit utilising the latest low energy reverse osmosis membranes and electro-deionisation technology.

Configured and tested before delivery to ensure minimal installation time, the fully integrated and user friendly Integra 200E offers laboratories optimum efficiency and flexibility in water purification production.



technical specifications

Unit Specification	200E - 350	200E - 500	200E - 1000
Width (mm)	1500	1850	2600
Depth (mm)	2020	2020	2020
Height (mm)	1020	1020	1020
Max shipping weight (kg)	340	350	370
Max working weight (kg)	767	917	1417
Installation Requirements			
Power	Single Phase, 230V, +/- 10%, 50 Hz		
Feedwater	Softened		
Maximum TDS (ppm)	< 1000ppm		
Minimum inlet pressure - psi (bar)	30 (2.1)		
Maximum inlet pressure - psi (bar)	90 (6.2)		
Feedwater temperature	10-25°C		
Flowrate	400 l/hr		
Free chlorine	Must be dechlorinated		

System Specification			
Pure water storage	Up to 350 litres	Up to 500 litres	Up to 1000 litres
Display panel	LCD - Colour touch screen		
Pre-treatment	5µm pre-filter		
Reverse osmosis	Low energy membranes		
Deionisation	EDI module		
Micro filtration	0.2µm		
UV lamp	Bactericidal 254nm		
Purified water make-up flowrate @ 10°C	200 l/hr		
Purified water distribution	Up to 2m ³ /hr and a maximum of 90 psi (6.2 bar)		
Carbon dioxide degassing	Hollow fibre membrane as standard		
TOC reduction	✓		

Treated Water Specification	
Conductivity	Up to 15 MΩ-cm
Bacteria	< 1cfu/ml
Organics - TOC (ppb)	< 500ppb as C
Particles	< 0.2µm
Endotoxins	-

contact

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