

Application story



Hydra-Cell G10 pump

Membrane Filtration Pilot Plant (2)

Location	UK	Hydra-Cell model	G10XKSEHFEMC
Type of application	Membrane Filtration Pilot Plant (2)	Flow rate	Up to 30 l/min (8 gpm)
Liquid	Hot Water Seawater	Pressure	Up to 60 bar (870 psi)
Application details	The Masdar Institute of Science & Technology in Abu Dhabi commissioned UK hygienic fabrication specialist Axiom Process to install two mobile membrane filtration pilot plants on campus. They will be used in a programme of research into water quality – extremely important for desalination and the production of drinking water. Each pilot plant incorporates a Hydra-Cell G10 pump for delivering water samples to the membrane. They come from a variety of sources, including brackish water and condensate.		
Advantages of Hydra-Cell pump on this application	Seal-less design. Simple, compact build. Easy controllability. Smooth low-pulse flow.		

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