



Nuclear Laboratory - Case Study



Case Study Information

Customer	Nuclear Laboratory
Location	United Kingdom

Equipment Supplied:

1 x H-IBC Portable Centrifugal Magnetic Drive Pump

Type	Magnetic Drive Centrifugal Portable Pump
Model	H-IBC w/ HTM 10PP Complete with Motor
Fluid	Zinc Bromide (77% concentration)
Max Capacity	13 m3/h
Max Head	14 mlc
Single Phase, 110v, 50Hz, 0.55kW	
Inclusive of baseplat	

Enquiry:

- ✓ A Nuclear Laboratory in the UK required a portable magnetic drive pump for transferring Zinc Bromide from IBC's into radiation screens. The pump needed to be lightweight, fitted to a carry frame and have a single phase 110V motor.

Solution:

- ✓ Castle Pumps has access to a high quality range of portable chemical transfer pumps. These pumps are magnetic drive and come complete with a carry frame, drip tray and start/stop control panel. This is a complete solution for anyone that requires a portable pump for harsh chemicals. The only issue with the customer's request was the 110V motor; this is not standard supply, so therefore has a much longer lead time than normal.