

# Field-Flow Compact

Battery powered peristaltic pump



The Field-Flow Compact is a battery powered peristaltic pump designed for low flow ground water sampling in inaccessible areas. The highly portable unit can be an advantage where mains power or a vehicle (battery) are unavailable.

Despite the small size the pump can pull water from a depth of over 8 metres (24ft), at up to 500ml per minute. The high quality Watson-Marlow pump-head allows the use of many different types of tubing from 0.5mm to 4.8mm bore diameter. After simple loading of the tube the protective door is closed and the pump is ready to start. One switch turns on the unit and output speed is increased with a simple control knob.

The pump is splash-proof and the charging socket at the rear has a protective cap to prevent ingress while the pump is in use. Charging is achieved in around one hour via the supplied fast charger, which also comes with world mains plug adaptors.


The Field-Flow Compact is a high quality, reliable pump with applications in:

**Environmental Monitoring**

**Archaeology**

**Expeditions and other field work**



Features	Technical Specifications
<ul style="list-style-type: none"> <li>• Highly portable</li> <li>• Adjustable speed</li> <li>• 8 metres+ draw depth*</li> <li>• 5 hour battery life</li> <li>• 1 hour fast charge</li> <li>• Accepts 0.5mm – 4.8mm tubing</li> <li>• Battery powered only – safe operation away from mains electricity</li> <li>• Designed and made in the UK</li> </ul>  <p>* Draw depth may be increased or reduced with different tubing types, bore sizes and environmental conditions</p>	<p><u>Pump</u></p> <p>Weight 2.5 Kgs  Dimensions 24 x 16 x 11cm  Power 3W 12VDC  Battery type Nickel Metal Hydride (NMH)  Battery capacity 3,300mAh  Operating time ~5 hours from full battery charge (on full load pumping 500ml per minute)</p> <p><u>Battery charger</u></p> <ul style="list-style-type: none"> <li>- Charging with -ΔV detection</li> <li>- Faulty battery detection</li> <li>- Reverse connection protection</li> <li>- Input Voltage- 100-240V AC 50/60Hz for worldwide use.</li> <li>- Charging Current- 800mA</li> <li>- Dimensions (HxWxD)- 47x62x118mm</li> </ul> <p><u>Carry case</u></p> <p>Tough plastic moulded case with hinged clamps and fitted foam insert</p> <p><u>CE Compliance</u></p> <p>Product part no. PX-307. Conforms to: The Machinery Directive 98/37/EG Annex 1  The Electromagnetic compatibility directive (EMC) 2004/108/EC</p>