

# Flow Pulse® Handheld Controller

Flow

## Portable Flow Monitoring

Flow Pulse Handheld Controller is an indispensable tool for portable flow monitoring, offering a toolset that allows programming, monitoring and data acquisition. The unit is available to connect to pre-installed Flow Pulse sensors or as a self-contained kit, with instant feedback via its clear colour screen. For true portability, the Handheld Controller will power a Flow Pulse directly, giving instant feedback on flow rate for a dynamic assessment of system or pump performance.



## Technical Specification:

### PHYSICAL:

<b>Sensor body dimensions:</b>	210 x 125 x 50mm (8.27 x 4.92 x 1.97in)
<b>Sensor body weight:</b>	Nominal 0.6kg (1.3lbs)
<b>Enclosure material/description:</b>	Polycarbonate UL94 V2 rated, with weather-proof connectors
<b>Screen:</b>	3.2" TFT LCD
<b>Supplied cable length:</b>	2 metres (9.8ft) minimum

### ENVIRONMENTAL:

<b>Enclosure &amp; connectors protection:</b>	IP65
<b>Max. and min. temperature (electronics):</b>	-20°C to +60°C (-4°F to +140°F)
<b>Max. and min. temperature (battery charging):</b>	-20°C to +40°C (-4°F to +104°F)

### APPROVALS:

<b>CE approval:</b>	Listed in the Certificate of Conformity within the <a href="#">manual</a>
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### DATALOGGING:

<b>Storage media:</b>	Internal flash memory
<b>Storage capacity:</b>	3.8GB, 3.2million entry without trace, 800,000 entries with trace
<b>Storage format:</b>	PC files
<b>Storage access:</b>	File transfer to PC via USB - no driver required

### OUTPUTS:

<b>Analogue output:</b>	Not available
<b>Digital output:</b>	Half Duplex RS485 to sensor, USB connection to PC for file transfer

### PROGRAMMING:

<b>Programmed parameter integrity:</b>	Via non-volatile RAM
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### SUPPLY:

<b>Rechargeable battery:</b>	11.1 Vdc Li-ion cells
<b>Battery duration:</b>	4 - 5 hours
<b>Charging methods:</b>	Mains charger, 12 Vdc @ 2A In-car charger
<b>Power supply:</b>	12 - 18Vdc
<b>Power consumption:</b>	3.5W @ 12V not charging, 15W @12V when charging

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