

## • TECHNICAL SPECIFICATION

- PUR-800 P.U.Recorder version 1  
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<b>Dimensions</b>	
<b>Housing</b>	1.6 mm Stainless Steel
<b>Frame</b>	3 mm Stainless Steel. l-w-h approx. 345 x 125 x 280 mm
<b>Weight</b>	3.7 Kg
<b>Batteries</b>	4 x 1.2V - 2000 mAh - Nickel Metal Hydride
<b>Operating Time</b>	Theoretical 50 - 60 Hrs Logging 70 – 80 Hrs Idle 30 Days max on Power down
<b>Connector</b>	IP67, <b>Dust proof:</b> No ingress of dust; complete protection against contact. <b>Immersion up to 1 m</b>
<b>Sealant</b>	PCB sealed in potting PU Recorder enclosure lid seals with rubber seal.
<b>Interface</b>	USB Protocol
<b>Measurements</b>	
<b>P.U. Range</b>	0 - 50000 P.U.
<b>P.U.Calculation Accuracy</b>	± 1%
<b>P.U. Resolution</b>	Floating Point 0.1 P.U.
<b>Temperature Range</b>	-10°C - 85°C
<b>Temperature Accuracy</b>	± 0.2°C when calibrated
<b>Temperature Resolution</b>	0.1°C
<b>Real Time</b>	24Hrs System
<b>Time Accuracy</b>	± 3 Seconds / 24 hour
<b>Time Resolution</b>	1 Second
<b>Recording Interval</b>	5 Seconds (Can be set by operator)
<b>Memory</b>	3 Hrs (2160 measurements)
<b>Lethal Temperature</b>	Adjustable (43.0 - 120°C)
<b>Fully Adjustable Product Temperature Probe</b>	
<b>Sensor</b>	DS18B20
<b>Accuracy</b>	±0.5°C over the range of -10°C to +85°C
<b>Specification</b>	8 mm S/S Tube with Watertight Connector and adjustable head
<b>Length</b>	Standard Sizes (bottle 310 mm and cans 135 mm)
<b>Cable</b>	High Temperature Shielded Belden Cable
<b>Spray Water Temperature Probe</b>	
<b>Sensor</b>	DS18B20
<b>Accuracy</b>	±0.5°C over the range of -10°C to +85°C
<b>Specification</b>	8mm mm S/S Tube Fixed
<b>Length</b>	40 mm
<b>Power/USB Cable</b>	USB 2.0 cable & Wall mount Power Supply cable
<b>Calibration Cable</b>	High Temperature 8 core shielded cable & High Temperature 2 core shielded cable 1

