


Property	Icero+ Specification
<b>Description</b>	A portable ice-water 0 °C bath for calibrating thermometers and referencing thermocouples to high accuracies.
<b>Range</b>	0 °C
<b>Accuracy</b>	± 0.005 °C possible
<b>Stability</b>	± 0.001 °C over 8 hrs
<b>Uniformity</b>	± 0.002 °C over the useful working volume
<b>Resolution</b>	Not applicable.
<b>Operating Conditions</b>	20 °C ± 15 °C and 5% to 95% RH non-condensing
<b>Time to stability</b>	10 minutes
<b>Useful working time</b>	8 hrs typical, running on mains power or its own internal battery.
<b>Working volume</b>	40 mm diameter x 210 mm deep maximum
<b>Size</b>	Foot print 22 x 14 cm  Assembled height 35 cm
<b>Weight</b>	1.9 kg filled with ice and water with no mains connected.
<b>Volume</b>	0.85 L
<b>Power</b>	USB mains power adapter is rated as follows:  Input: 100–240 V ac (± 10 %), 50/60 Hz, Output: 5 Vdc 500mA
<b>Computer Interface</b>	Not applicable
<b>UKAS Calibration</b>	Available on request and via discussion.
<b>You  Tube</b>	To be posted.
<b>Notes</b>	<ul style="list-style-type: none"> <li>i. A reference platinum resistance thermometer is available as a check standard for the Icero.</li> <li>ii. A carrying case is also available.</li> </ul>

