

- Incomparable accuracy for the price
- Simple to use - no crushed ice or stirring required
- Portable – battery or mains powered
- No recalibration costs
- Highly versatile – can accept all types of temperature probes

Icero+

0°C ICE POINT BATH



The Icerometer is an Ice point calibration bath that is an essential piece of equipment for any calibration laboratory that requires an accurate Ice point reference bath. The Icerometer is both mains and battery powered making it ideal for on-site calibration work, especially when combined with our optional carry case. By using a mixture of ice cubes and distilled water the Icerometer can maintain a temperature of $0^{\circ}\text{C} \pm 0.003^{\circ}\text{C}$ for at least 8 hours. This remarkable calibration bath is already used by leading calibration laboratories across the world due to its accuracy, ease of use and affordability.



Property	Icero+ Specification
Description	A portable ice-water 0 °C bath for calibrating thermometers and referencing thermocouples to high accuracies.
Range	0°C.
Accuracy	± 0.003 °C possible, depending on the purity of water used.
Stability	± 0.002 °C over 8 hrs
Uniformity	± 0.002 °C over the useful working volume
Operating Conditions	20 °C ± 15 °C and 5% to 95% RH non-condensing
Time to stability	10 minutes
Useful working time	8 hours typical, running on mains power or its own internal battery.
Volume	0.85 litres
Working volume	40 mm diameter x 210 mm deep maxim
Size	Footprint 22 x 14 cm Assembled height 35 cm
Weight	Weight 1.9 kg filled with ice and water (excluding power supply).
Power	Internal Li-ion battery, or USB mains adaptor, rated as follows: Input: 100–240V ac (± 10 %), 50/60 Hz, Output: 5Vdc 500mA
Notes	<ul style="list-style-type: none"> i. A reference platinum resistance thermometer is available as a check standard for the Icero+. ii. A carrying case is also available.