

# 7911A2 Constant Temperature Ice Bath



## 主要特性

- 较低的零点不确定度，均匀度可达  $\pm 0.002^{\circ}\text{C}$ 。
- 经济实惠的解决方案，具有出色的均匀度和稳定度。
- 能够同时检查/校准多个探头。
- 真空绝热不锈钢杜瓦瓶，可实现长时间冰点复现。
- 采用 Rosemount 设计的“流槽”搅拌机构，可确保冰点的可重复性。

## 产品概述: 7911A2 Constant Temperature Ice Bath

- Lower uncertainty zero-point (to  $\pm 0.002^{\circ}\text{C}$  uniformity)
- Affordable—amazing price for this uniformity and stability
- Many probes can be checked/calibrated at once

Take a look at this easy and affordable zero-point source for calibrating temperature sensors—the Fluke Calibration 7911A2 Constant Temperature Ice Bath.

Now you can attain lower uncertainties from a simple ice bath. Most people don't realize just how much uncertainty a stationary ice mixture in a typical ice bath can have. Pockets of non-uniform temperature will wreak havoc on your calibration uncertainties. With a stirred ice bath, the uniformity and stability can easily drop to  $\pm 0.002^{\circ}\text{C}$ . Now that's more like it!

The 7911A2 has a 5-liter tank with a depth of 12 inches. This gives you an optimal calibration zone of 2.5" diameter by 8" deep—enough space to calibrate several probes at once, including odd-shaped or short probes. Think how many thermocouple cold junctions you could put in this bath!

As with all Hart products, the model 7911A2 Constant Temperature Ice Bath is manufactured according to a proven design using the best components.

The vacuum-insulated stainless steel dewar is used to give your ice-point realization longevity (a well-prepared ice bath can be used for several hours without attention).

We use a Rosemount-designed “flow chute” stirring mechanism to saturate the bath water with air as it stirs. Having the same concentration of air in the mixture each time increases the repeatability of the ice point.

Using pure distilled or demineralized water for bath fluid and ice, you’ ll consistently produce a 0 °C calibration environment with up to  $\pm 0.002$  °C accuracy.

For thermometer calibrations or for a thermocouple cold junction temperature source, if you want the best ice bath results, use the best equipment available—get the Fluke Calibration 7911A2.

## 产品规格: 7911A2 Constant Temperature Ice Bath

## 型号



7911A2  
Constant Temperature Ice Bath

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Fluke. 让您的工作畅通无阻。

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