

PR540 Type Zero-point Dry-Well

The PR540 uses a reinforced semiconductor cooling technology with a peak cooling rate of up to 6°C / minute. It can stabilize to 0°C at the room temperature for only 10 minutes.

It provides a stable and accurate temperature environment for the thermocouple reference junction for a long time.

It is an ideal replacement for traditional ice point devices and is ideal for thermocouples or related calibration/calibration processes.



- **Basic parameters**

Display resolution	±0.001°C	Working environment	10~35 °C 10~70%RH
Accuracy	0 °C±0.03 °C	Well Dimensions	wells 8 mm dia. x 200mm depth
Cooling Time	Approx. 20 minutes	Weight	8.5kg
Temperature Coefficient	0.02°C/10min	Maximum cooling rate	6°C/min
Size	320x 120x 370mm	NIST-Traceable Calibration	Data at 0 °C
Maximum well difference	0.01°C	Power	300W

- **Application**

Since the unit is completely self-contained and doesn't require any user settings, you can run it on demand for instant access to an accurate, traceable zero point. Set it up with the reference junction of a thermocouple for high-accuracy thermocouple measurements.

Less costly than refrigerated baths, more accurate and less problematic than ice baths, and more durable and better looking than competitive units using sealed-water cells, the PR540 Ice point thermostic bath is a great choice for any calibration lab! PR540 Ice point thermostic bath are neither expensive nor complicated to use.