Digital Thermometer for Fridge or Freezer FAQ

What accuracy is this unit?

This unit is accurate to +/-1°C across the full range.

Is this unit suitable for vaccine fridge applications?

Yes. This thermometer is ideal for vaccine fridge applications. It has a resettable max/min function so that you can see the highest and lowest temperatures recorded since you last checked it. It also has an alarm function that you can set to give you an audible alarm if the temperature goes below 2°C or above 8°C (you can set other temperatures too).

Where should I mount the sensor in the fridge?

The aim of placing a sensor inside the vaccine fridge is for it to mimic the conditions that the vaccines are exposed to. As such they should not be too close to the air intake or the outlet, and should be in the same tray as the vaccines. As a general rule, placing the sensor on the middle shelf, in a tray with the vaccines is recommended. If a glycol bottle is available, the sensor should be placed in this to buffer the temperature.

Can it be used for freezer monitoring?

This thermometer can be used for freezer monitoring as the remote sensor can measure down to -50°C. It is not however suitable for ultra-low temperature freezers.

Does this unit come with a calibration certificate?

No, this thermometer is not supplied with a calibration certificate. You can request a 2, 3 or 5 point calibration at the time of ordering (for a fee). See the related accessories section of this meter for the calibration options.

How do I set the alarm?

1. Press and hold the 🔔 button for about 2 seconds. The "HIGH" and "FRIDGE" icons will flash.
2. Press ⬆ to change the temperature for the high alarm limit. If you overshoot the temperature you're after you will have to right through the whole range.
3. Press 🔔 to confirm, and then the "LOW" and "FRIDGE" icons will flash.
4. Press ⬆ to change the low alarm level.
5. Press 🔔 to finish setting the alarm levels

Notes: Holding down ⬆ will advance the value automatically

If the sensor is not currently within the alarm limits, the alarm will start to sound as soon as you finish setting.

Does the sensor interfere with the seal?

The lead on this thermometer is designed to be thin enough to be placed through the seal on the fridge and should not have a significant effect on fridge temperature.

Why is it showing a high temperature when the probe is in the fridge?

This thermometer has an external sensor and an internal temperature sensor. The display can be set to show the Fridge temperature or the Room temperature. Toggling the "ROOM/FRIDGE" will change the display from reading fridge to room temperature.