

Probe calibration - when to use it and when not to

What is calibration for?

Calibration is used to correct a small, repeatable difference between a correctly operating probe and a reliable reference. Example: at a stable temperature, the probe consistently reads 0.7°C too high.

What will calibration not fix?

Calibration will not repair a damaged probe, an intermittent cable, moisture in a connector or an incorrect installation location. If the temperature changes in jumps or the difference depends on cable position, fix the fault first.

Probe location is more important

Two good probes placed in different locations may show different temperatures and both may be correct. Do not calibrate one probe to another unless they are next to each other under the same conditions.