

Calibration Tools

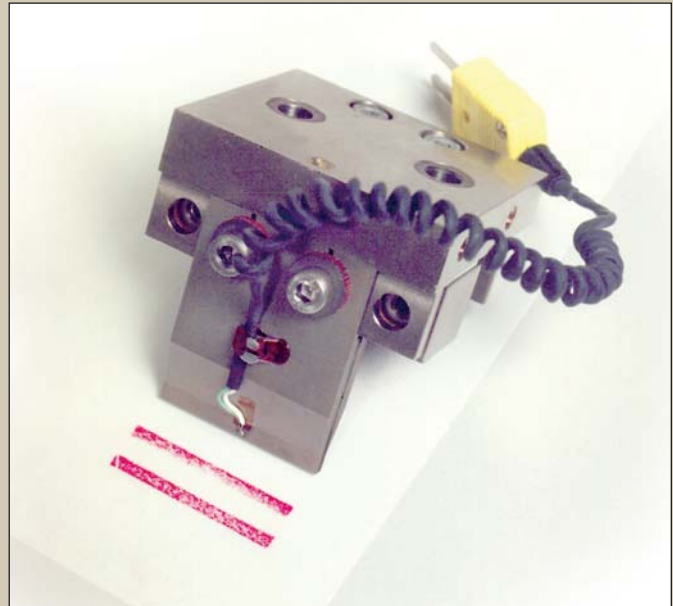
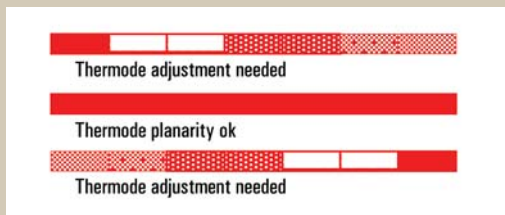
For Hotbar Reflow Soldering

Thermode Co-Planarity Check

Pressure sensitive paper is specially designed to optimize the planarity of the thermode in combination with your product. Place the paper between the thermode and product support and cycle the system. This will give you an accurate planarity readout.

Specifications & Options:

- Accurate pressure paper with highly sensitive printout.
- Easy to handle paper format (A4 or A6 size).

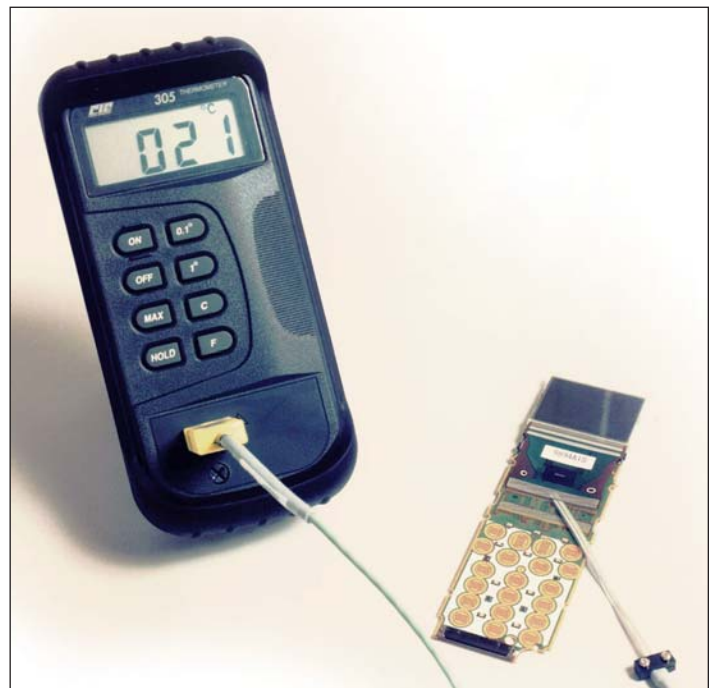


Temperature Calibration

Knowing the temperature of the material during Hotbar Reflow Soldering and Heat Seal Bonding is essential for optimal results. This easy to use handheld temperature meter can be used in combination with ultra flat thermocouples. The thermocouple is sandwiched between the parts, and the actual process temperature is measured inside the connection. The thermocouple is re-usable.

Specifications & Options:

- Handheld temperature meter with large LCD display.
- 2 selectable K-type thermocouple inputs.
- High range temperature measurements up-to 1000 °C.
- Accurate ultra flat K-type thermocouple (1374° C).
- Optional RS232 communication, Windows® supported.



Force Calibration

Force measurement kit contains a precision load-cell with large contact area to support the thermode and a control panel with readout display.

Specifications & Options:

- Force ranges 200 - 500 - 1000 Newton (44.9-112-224 lbs)
- Display readout with overload indicator
- Force load-cell including universal applicable contact disk
- Measuring error <0.25%
- Power connection 230 VAC
- Optional RS232 - 422/485 serial output for data storage
- Calibration certificate included



ORDERING DESCRIPTION

<i>Force calibration tool max. 200 N (44.9 lbs)</i>	<i>Loadcell and digital readout unit, for low forces</i>
<i>Force calibration tool max. 500 N (112 lbs)</i>	<i>Loadcell and digital readout unit, suitable for SH500 and PH500 heads</i>
<i>Force calibration tool max. 1000 N (224 lbs)</i>	<i>Loadcell and digital readout unit, suitable for SH1250 and PH1250 heads</i>
<i>Thermode pressure paper A4 1 sheet</i>	<i>Pressure paper for accurate thermode planarity check, including manual</i>
<i>Thermode pressure paper A6 4 sheets</i>	<i>Pressure paper for accurate thermode planarity check, including manual</i>
<i>Temperature calibration package</i>	<i>Type K ultra flat thermocouple (50 microns) & digital readout unit</i>
<i>Spare ultra flat thermocouple</i>	<i>Spare thermocouple for temperature calibration unit</i>

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Spirit Of Innovation.

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