

PREHEATER

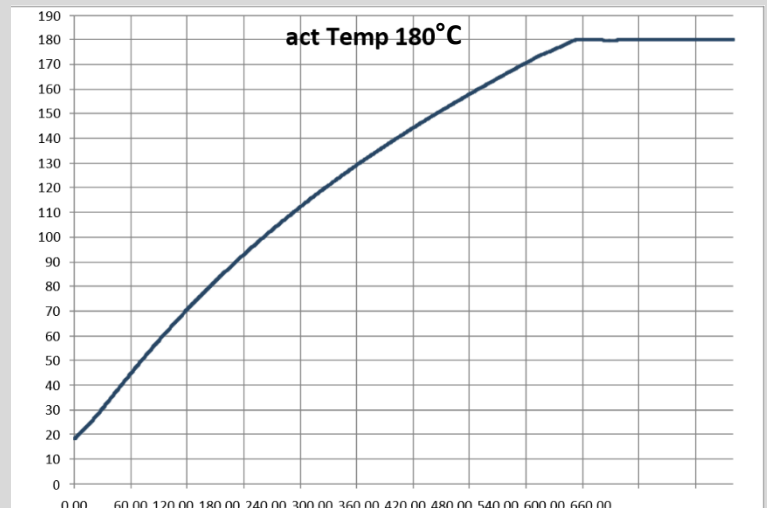


The preheater supports assembly processes such as dispensing and soldering that require temperature. With a temperature range up to 180°C, the preheater module can be used to directly cure adhesives after dispensing. This module is integrated in the board carrier with a distance of 22 mm between hot plate surface and bottom side of the board. The flatness of the heater plate allows it to also be used as a contact heater.

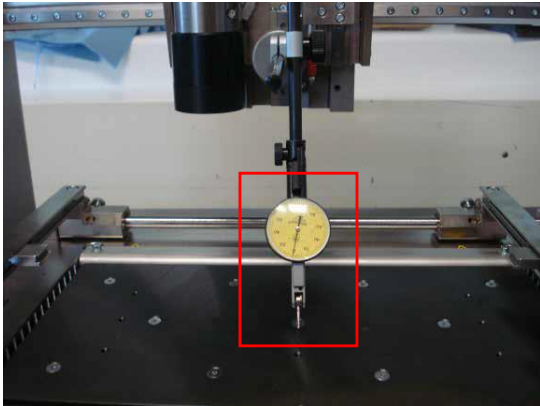
Separate from this module, there are additional possibilities for heating substrates with pre-heat stations up to 300°C

General Specifications:

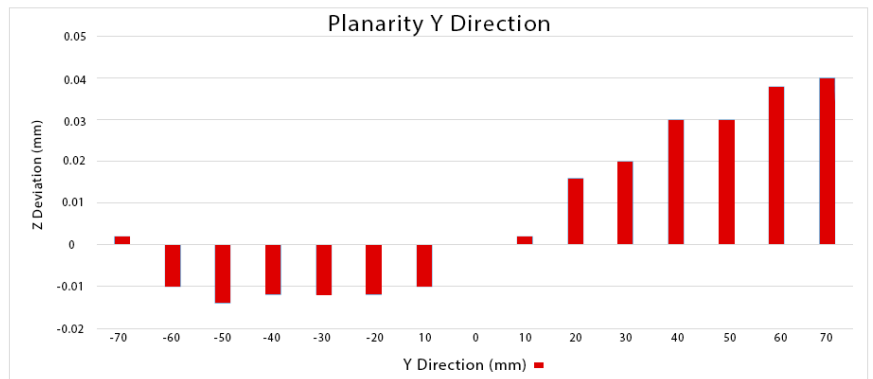
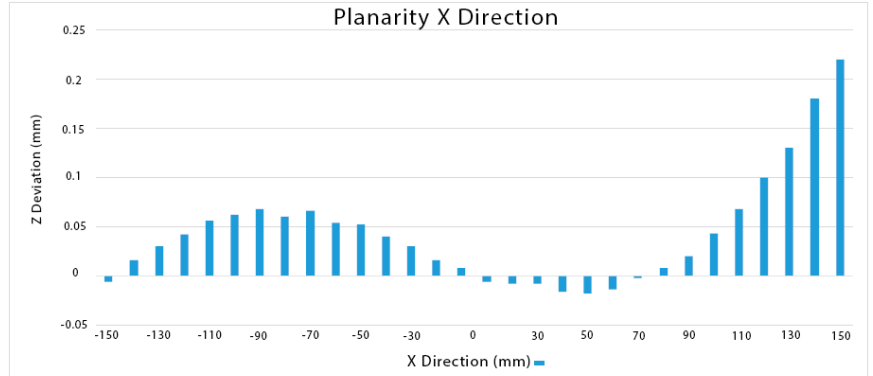
- Electrical Power: 634 W
- Temperature Range: 30 - 180°C
- Temperature Stability: 0.15°C
- Temperature Accuracy: 0.05°C
- Heating rate: 0.34 K/s (Average Slope) @max. 180°C
Ramp to 180°C in approx. 10 min
- Active Zone Dimension: 300 mm x 150 mm



Flatness



The planarity was measured with a dial gauge with measurement points every 10 mm in X & Y direction from the center



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