



THARIUM 710

BGA Rework Station



UNRIVALED PERFORMANCE

The Tharium 710 was designed with easy-to-use in mind. Both top and bottom heaters provide an air stream that can be independently controlled, while a third IR heater is available for an uniform heat distribution. The BGA nozzle rotates 360° to perfectly align your BGA, CCGA, QFN, CSP, LGA, or other SMD onto the PCB.

Includes Built-In Industrial Touch Screen
Computer Running Windows OS!

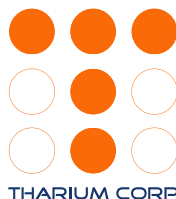


Fully embedded control & monitoring software

The touch screen embedded computer displays the temperatures of all heaters for a comprehensive understanding of the temperature profile. An additional high accuracy K-type close loop thermocouple with automatically adjustable PID parameters assures a temperature envelope not larger than $\pm 2^{\circ}\text{C}$ from the set point.

Tharium software can display up to 6 temperature curves and can store multiple sets of temperature profiles!

1-844-THARIUM

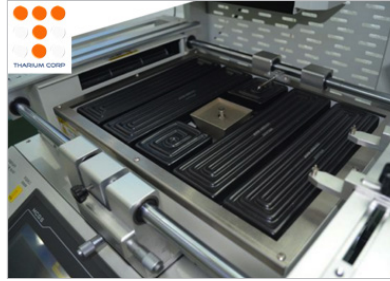


www.tharium.com

Perfectly align your BGA, CCGA, QFN, CSP, LGA, or other SMD



Split optics for repeatable and accurate positioning



Heating from below for homogeneous precision



PCB Support

Rapid, convenient, and accurate positioning of your boards



Optical Alignment System

Embedded color optical alignment system with beam split to perfectly align the BGA onto the PCB



Temperature Profile

8 independent set point profiles can be stored for later retrieval



Internal Vacuum Pump

Picks up the parts and precisely positions them onto the PCB



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TECHNICAL SPECIFICATIONS:

Total Power: 5,300W

Top Heater: 1,200W

Bottom Heaters: 4,100W

Power Input: 220V±10%, 50/60Hz

Dimensions: 25"x25"x36" (LxWxH)

Temperature Control: K Sensor, closed loop

Temperature Accuracy: ±2°C

PCB Size: from 2.5"x2.5" to 15"x16"

BGA Size: from 0.075"x0.075" to 3.2"x3.2"

Minimum Chip Spacing: 0.006"

Placement Accuracy: ±0.0003"

Weight: 155lb

Optical Alignment Magnification: 10X-100X



THARIUM CORP

**Machines assembled and tested in California*

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CALL TOLL FREE: 1-844-THARIUM

VISIT US ONLINE: www.tharium.com