

BGA Rework

InfraRed Systems



Precise, Controlled & Intuitive Rework Stations

PACE's InfraRed Systems can easily install and remove **BGA, QFN, μ BGA/CSP, Flip Chip and other SMD's**. Featuring a 500W infrared (IR) top heater and a 1000W IR bottom preheater, the IR3100 does not require nozzles. A specially-developed IR pyrometer provides non-contact, real-time, closed-loop temperature control throughout the reflow process. A Sodr-Cam Reflow Camera comes standard, allowing you to watch the entire reflow process in real time. The IR 3100's newly designed Windows-based software makes profiling incredibly simple for even the most advanced applications, providing intuitive set-up, multi-stage profiling, on-the-fly profile adjustment, flux-dipping, unlimited profile storage and much more.



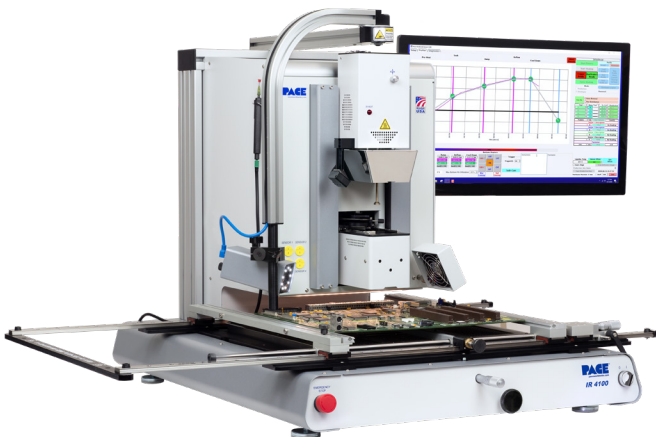
► **The Closed-Loop, Non-Contact IR Pyrometer** monitors and controls the ramp-rate and temperature of the component in real time, by controlling the top and bottom heaters' output throughout the reflow process.

IR3100

InfraRed BGA Rework-Station

PN: 8007-0586 (120 V), 8007-0587 (230 V)

The IR3100 includes 1550 Watts of total power. Can rework PCBs up to 12" x 12" (305mm x 305mm). Includes a 1000 Watt bottom side pre-heater with an adjustable height of 1.5" (38mm). Also comes with 6 different sized vacuum picks.



IR4100

InfraRed BGA Rework-Station

PN: 8007-0591 (120 V), 8007-0592 (230 V)

The IR4100 includes 2400 Watts of total power. Can rework PCBs up to 24" x 24" (610mm x 610mm). The bottom-side pre-heater includes a 1000 Watt central heater and (6) 150 Watt peripheral heaters that can be independently controlled.



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ThermoFlo®

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Rework with Rapid Reflow & Patented Heating Technology

PACE's ThermoFlo® Systems' patented Inductive-Convection Heating Technology reaches the target temperature in just seconds for safe, rapid solder joint reflow in virtually any component installation or removal application, while using only a fraction of the power required by yesterday's conventional heating technology. The units contain PACE's latest advanced Profiling Software, a 1080p Vision Overlay system for precise component placement and much more...



The **Inductive Convection Heater** pre-heats the air in a cyclonic fashion around the induction coil before entering the inner chamber, where the air is instantly heated to the target temperature. The low thermal mass design then allows the coil to cool down at a faster rate, consistently yielding high quality solder joints.

► For a complete list of Heat-Focusing Nozzles available for the ThermoFlo® Systems please visit paceworldwide.com for more information.

TF1800

ThermoFlo®

Rework-Station

PN: 8007-0574 (120 V), 8007-0575 (230 V)

The TF1800 includes 1500 Watts of total power. Can work rework PCBs up to 12" x 12" (305mm x 305mm). Includes an adjustable bottom-side pre-heater with 1000 Watts of power and an adjustable height of 1.5" (38mm).



TF2800

ThermoFlo®

Rework-Station

PN: 8007-0582 (120V), 8007-0583 (230 V)

The TF2800 includes 2400 Watts of total power. Can rework PCBs up to 24" x 24" (610mm x 610mm). The bottom-side pre-heater includes a 1000 Watt central heater and (6) 150 Watt peripheral heaters that can be independently controlled.



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