



VJ ELECTRONIX

A VJ Technologies Company



Bench-top and Stand-alone Versions Available



Use with Hand Tools for Optimum Manual Rework

PMT IR2/IR4

Compact Versatile Board Preheaters

VJ Electronix offers the IR Board Heater Series to satisfy the need for uniformly preheating PCBs.

Many processes benefit by having the temperature of the whole assembly raised to a conditioning level prior to performing subsequent thermal operations – notably manual rework of sophisticated surface mount components.

Preheating can significantly reduce cycle times, eliminate or minimize board warping and prevent thermal shocking of sensitive components. This capability is invaluable when ancillary equipment is not furnished with adequate self contained preheating facilities.

Available in two versions, the IR-2 for boards up to 18" x 20" and the IR-4 for boards up to 20" x 24", these heaters offer a variety of adjustable fixtures to accommodate a wide range of PCBs and other assemblies.

Where Technology Meets Production

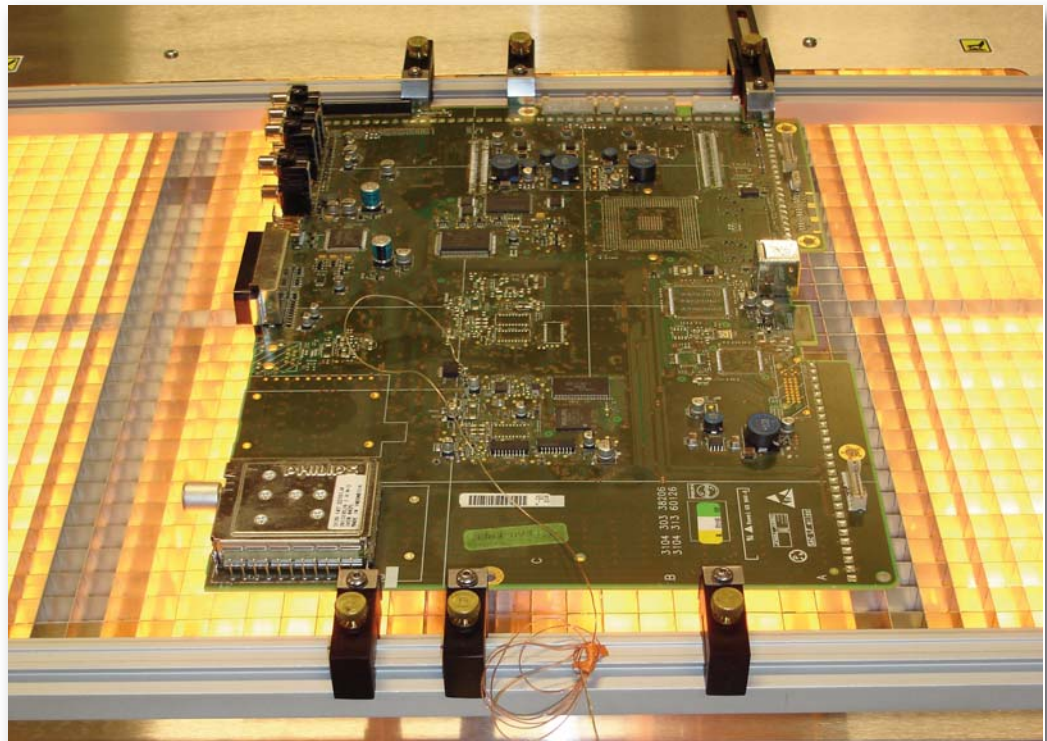
PMT IR HEATERS

System Specifications and Facility Requirements:



The systems offer two methods of programmable advanced micro-processor heating control: Percentage power or Closed Loop (PID) feedback. The combination of high power infrared heat transfer and microprocessor control brings a level of efficiency not attainable with ordinary hand rework tools.

	IR-2	IR-4
Heated Area:	12" x 20" (305mm x 508mm)	20" x 24" (508mm x 610mm)
Number of Heated Panels:	2	4
Heater Panel Size:	10" x 12" (254mm x 305mm)	10" x 12" (254mm x 305mm)
Heater Panel Watts:	1200	1100
Total Watts:	2400	4400
Number of Controllable Zones:	2	4
Controllable Zone Sizes:	10" x 12" (254mm x 305mm)	10" x 12" (254mm x 305mm)
Thermocouple Inputs;	1	1
Board Fixture Capacity:	18" x 20" (356mm x 508mm)	20" x 24" (508mm x 610mm)
Standard Voltage (VAC):	230	230
Standard Amps:	15	20
Footprint:	24" (610mm) square	29" x 30" (737mm x 762mm)



Occupying a bench space of only 24" x 24" / 29" x 30", the PMT IR Preheaters are easily installed at a manual rework station. With their modest power requirements they are immediately ready as an important adjunct to hand tools and require minimal skills to set up and operate. This versatile tool can be supplied customized to fulfill customer specific requirements.



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