

Convection Rework

ATH-1100A & MRS-1100A Rework Systems

BH-2000 Free Standing Board Holder

provides a solid and stable base for a variety of PCBs. The unit features easily adjustable rails to accommodate boards 8" (203 mm) x open-ended.



BH-1000 Post-Rail **Board Holder**

Includes: 4 posts, 2 rails with sliding clips, 4 support pins and flat-head support. Minimum PCB size is 0.60" (15 mm)



BH-100 Board Holder

Recommended for use with the PCT-100 Pre-heater. Accommodate boards 12" (305 mm) x 12" (305 mm)



BH-010 Integrated Board Holder for PCT-100

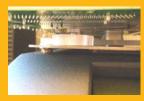
Accommodate boards 3.5" (89 mm) x 7" (178 mm)



BH-PK1000 **Board Holder Pin Kit** Recommended for use with the PCT-100 Pre-heater. Accommodate boards







The ATH-1100A Adjustable Tool Holder

is designed to work with the PCT-1000 or as part of the MRS-1100A System.

- Advanced Head Assembly features 102 mm (4") of Z axis adjustment, 12.7 mm (1/2") fine adjustment of the X & Y axis, and 30° U adjustment.
- Features locking handpiece retainer, Z axis stop, and mounting configurations for stand-alone operation or as part of the MRS-1100A.
- Sturdy and easy to attach to the PCT-1000 Programmable Preheater when incorporated into the MRS System.
- Can be attached to the PCT-1000 or used as a standalone unit



The MRS-1100A Modular Rework System

is an integrated convection rework system for the removal and reflow of **BGA/CSP** and **SMT** components.

Key Features & Benefits

- Digital display for repeatable temperature settings and profile control
- Automatic control of the preheater for simple operation
- Easy profile creation for operator repeatability
- Integrated vacuum pickup for easy component removal
- Hand-held or tool holder mounted for operator comfort
- Manual mode for quick setup
- External thermocouple for process setup and verification
- Digitally controlled airflow for repeatable results
- X, Y, Z, and Theta controls for component alignment
- Adjustable PCB holder for easy change-outs
- Automatic vacuum liftoff at the end of the cycle
- Password lockout of programmed profiles

Comprised of:

- PCT-1000 Programmable Preheater (page 54)
- HCT-1000 Hot Air Convection Tool (page 48)
- ATH-1100A Adjustable Tool Holder (above)
- BH-2000 Freestanding Board Holder (above)

