

DEN-ON RD-500 Series Rework Station PM Servicing Preventative Maintenance, Calibration, Upgrades and Tooling Options

All Rework Systems require periodic maintenance servicing to ensure optimal system performance and extend system life. Periodic calibration is required to ensure system reliability, accurate profile development and continued operational repeatability. Factory recommends these checks take place annually as ongoing Preventative Maintenance.

Annual Preventative Maintenance Check Points:

➤ Heating, Optical, Mechanical and Control

- Optics Alignment
- Optics and Heater Head Belt Adjustments
- Heater Head Speed Adjustments
- Thermocouple Read-Out Calibration
- Heater Temperature Calibration
- Check/Adjust Optical Sensors
- Pick-up Tube Alignment
- Clean and Lubricate Motion Mechanics

RD-500 Series II / III
BGA/SMT Rework Station



RD-500SH Series II / III
BGA/SMT Rework Station

Software & Firmware Upgrades:

➤ **NOTE: Software/Firmware Upgrades**

Since the delivery of your system there may have been firmware upgrades and software updates that improve performance and add functionality. Ask your service technician about these updates.

Set Initial Board Temperature:

- Profile begins at a specified board temperature
- Improves thermal profile consistency/repeatability

Additional Cooling Fan:

- Provides 3-point board cooling on ramp-down
- Produces stronger solder joints
- **NOTE:** May require an additional upgrade on earlier models

Cleaning Mode:

- Lifts the heater head, but continues bottom heat for site cleaning

Reflow Before Place:

- Manual control to place a part once solder/paste has reflowed
- Facilitates optimal placement of SMT leaded devices

Heater Setting Upgrade:

- Increased heater capacity/setting to 650°C
- **NOTE:** Required for some lead free applications

Custom Tooling Options,
Accessories and Upgrades



About FocalSpot

FocalSpot, Inc. is recognized worldwide as a leader in the design and manufacture of affordable high-quality x-ray inspection systems; providing Inspection and Rework solutions for Electronic Manufacturers worldwide. FocalSpot is also a regional distributor and value-added reseller for DEN-ON BGA/SMT rework solutions; Optilia BGA/SMT video microscopes; and First Article AOI Inspection Systems; providing sales, service and support in North/South America, Canada and Mexico.