



**Reflow & Curing Ovens**

- 100% Convection modules
- Standard configurations with edge hold
- Dual lane / Dual temperature
- Curing & back-end semiconductor
- Voidless reflow soldering
- Previously owned Heller reflow equipment



Lowest Energy Consumption on the Market  
Trade Yours in Today and Start Saving!



**Solder Pastes**

- No-clean leaded & lead free
- Halogen free
- PoP pastes

**Fluxes**

- Easier to clean no-clean
- Anti-voiding / Anti-pillowing
- Up to 72 hour tac times
- Room temperature storage
- Tacky fluxes

**Chipbonders**

**Solder Wires**

Solder wire improves performance & cuts up to 40% of solder tip consumption



**Inline & Batch Cleaners**

- Poly or stainless steel
- Liquid lock dramatically cuts chemistry costs
- High performance pumps and blowers
- Drying up to 220 degrees
- Stand alone wash and drying units



**Controlled Humidity & Temperature Storage Solutions**

- Ultra low relative humidity of under 1%
- Eliminates defects in moisture sensitive devices
- Critical for storage for lead free devices
- Applications as well for:

digital media - optics - preservation - laboratories and industrial where superior environmental control is required.



**Batch Cleaners for a Wide Variety of Critical Applications**

PCB Defluxing - Assembly Cleaning - Avionic Maintenance - Medical Maintenance - Rail Maintenance

- Stencil Cleaners
- Semi-Automatic Cleaners
- Maintenance Cleaners

- All units feature:
- Compact footprint
- Efficient in all aspects
- Zero discharge
- Chemistry is permanently filtered
- Ultralow energy consumption
- CSA approved



**SMT Placement Machines**



- Placement rates from 55,000 to over 150,000 CPH!
- Ultra intelligent machine
- Self loading feeder is a game changer - load on the fly!
- "Overdrive" technology dramatically improves your utilization rates
- Placement of 01005's - QFN's - LGA's - Connectors - PoP's

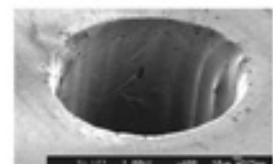


**Stencils**

- Stainless steel or Kepoch material.
- A variety of sizes and mounting option
- Micro-stencils for rework
- New stainless steel improves release characteristics

**Micro-Machining**

- Laser Cutting
- Laser Welding
- Laser Micro-Drilling
- Laser Marking
- Laser Engraving
- Laser Die Cutting



Cost effective for prototypes or production!

