

Summit 1800

Automated Rework System



- Automated Solder Scavenger Options
- Lead-Free Proven
- Simple SierraMate™ 1-2-3-Go! User Interface
- Worldwide Support
- Award Winning Service
- Unmatched Thermal Performance
- Low Cost of Ownership, High MTBF

*Designed for automated rework of
 μ BGA, BGA, CSP, SMT, MCM, THT Assemblies*

VJ Electronix proudly offers the Summit 1800 Automated Rework system. Developed by SRT and further refined by VJ Electronix, the 1800 is the true industry benchmark for Rework systems. The Summit 1800 Rework System provides the most advanced features designed specifically to address the most difficult Rework challenges. Proprietary SierraMate™ Windows® based software provides an easy to use “1-2-3-Go” graphical user interface, featuring intuitive programming and automatic profiling. The 1800 is “production ready” with many standard features, providing a superior value.

The Summit 1800

- Rules Based Advanced Auto Profile
- User Friendly 1-2-3-Go! Graphical User Interface
- Network Data Management (XP Pro®)
- Real Time Thermal Control (External TC)
- Programmable Pick & Place Force with Component Height Sensing
- Independent motorized Top Heater and Pick-Up Tube
- 0.010” (0.25mm) Min. Component Size
- 2.5” (63mm) Square Field of View
- 1.6 kW Focused Convection Top Heater
- 18 x 22” (458 x 560mm) Max. Board Size with 4.0 kW Convection Plenum Bottom Heater
- Optional 22 x 30” (560 x 762mm) Max. Board Size with 5.6 kW Convection Plenum Bottom Heater
- Top Heater High / Medium / Low Flow control
- Variable Component Cooling Available (Pick-up Tube Positive Flow)
- Top Heater Cooling Boost Option
- 40X Optical / 160X Digital Zoom Capability
- Digital Split Imaging (Optical Split Available)
- 0.0010” (25µ) mean +3σ Placement
- 360° Motorized Component Rotation
- 2.2” (56mm) Top Side Clearance
- 1.5” (38mm) Bottom Side Clearance
- Dual Gas (CDA & N₂) Two Stage Filtration & Regulation

*Information contained within this document is subject to change without notice.
Consult VJ Electronix for the latest published equipment specification.*

A Commitment to Quality Products. A Commitment to Unmatched Service.

VJ Electronix is affiliated with VJ Technologies Group, a worldwide leader in X-Ray technology. For twenty years, the company has ensured its market leading position through technological firsts and a variety of innovative cost effective solutions. A worldwide network of service professionals support installed systems with fast, reliable, economic service.

Worldwide Sales and Service locations include:

Littleton, MA ♦ Bohemia, NY ♦ East Haven, CT ♦ Buford, GA ♦ San Diego, CA ♦
Monterey, Mexico ♦ Munich, Germany ♦ Bangalore, India ♦ Suzhou, China ♦ Bangkok, Thailand

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