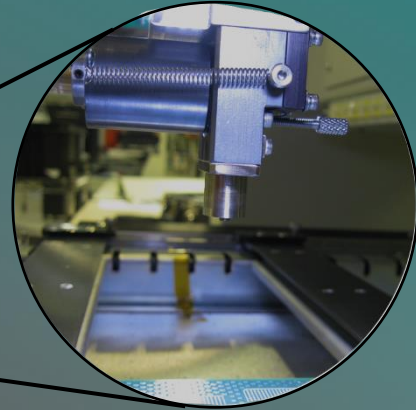
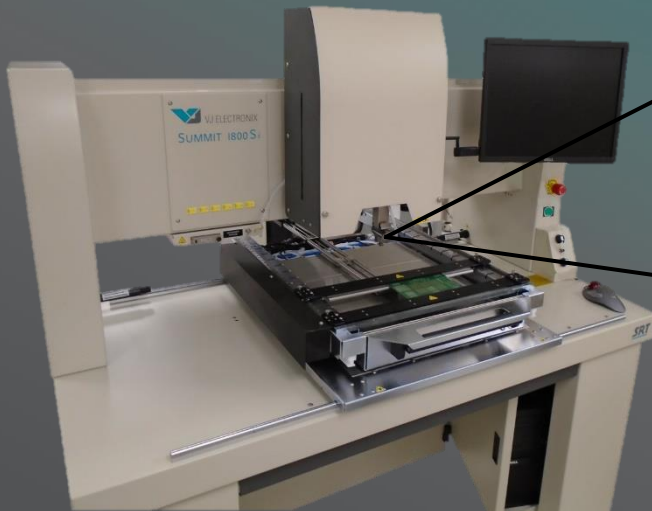


# Summit 1800Si

Complete Scavenging System



**Robust Design • Excellent Thermal Performance • Process Flexibility  
Ease of Operation • Global Support • Industry Leading Reliability**

**Efficient Convection Heating** – Closed-loop temperature control ensures a more even heat distribution as compared to IR heating.

- Industry-leading speed, control, repeatability

**“1-2-3-Go” Graphical User Interface** – Proprietary SierraMate™ Windows® based software provides an easy to use “1-2-3-Go” graphical user interface increasing user friendliness.

### **Programmable Scavenging Pattern**

**Capability** – Full process control over scavenging sequence. Ability to set programmed speed and motion pattern per device type.

**Non-Contact Site Preparation** – Dynamic height sensing control of distance between the scavenger tip and PCB (scavenger gap).

**Nitrogen Inert Environment** – Programmable process control applies nitrogen only when needed.

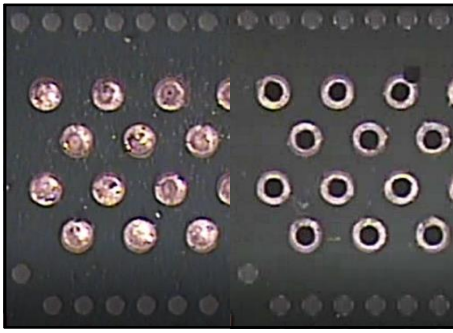
- Maximized N2 savings

**Security Manager Utility** – Ability to create different users, groups and passwords for system.

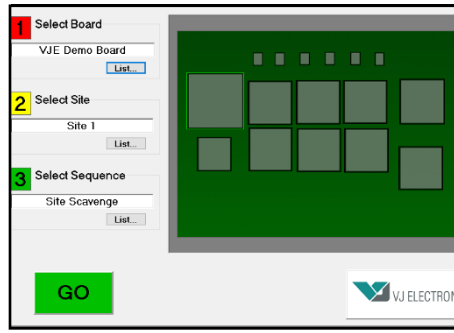
- Increased equipment control

**Industry 4.0 Compliant** – Automated data/event logging directly to your EMS.

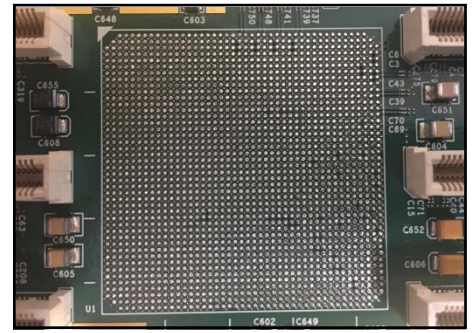
- Enhanced profile sharing and user collaboration



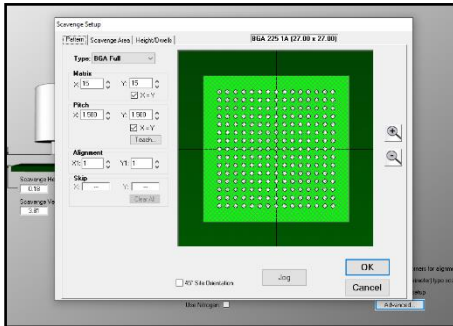
THROUGH-HOLE



1-2-3-GO SIERRAMATE™ GRAPHICAL USER INTERFACE



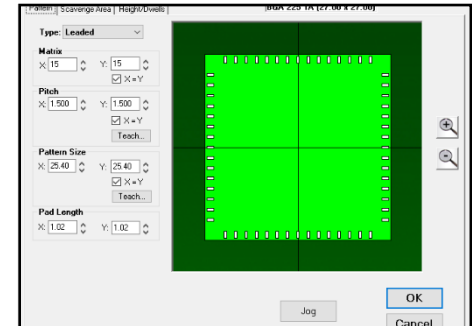
BGA



ADVANCED BGA SETUP



COMPLEX COMPONENTS



LEADED COMPONENTS

Technical Specifications	
Top Heater	600W
Bottom Heater	4.0kW Convection Plenum   7.8kW NextGen Plenum (option)
Site Heater	1.0kW Convection Site Heater
Max Board Size	18x22" (455x560mm)   22x30" (560x760mm) (option)
Temperature Control	K-Type Thermocouple (Closed-Loop)
Thermocouple Jacks	6
Solder Removal	Automatic DHS Non-Contact Solder Removal System Automatic X-Y 3" (75mm) Travel
Compliance	CE, CAN/CSA, UL 61010-1
Options	Bottom Heater Cooling Fans Side View Vision System Specialized Tooling for Scavenging Between Tall, Closely Spaced Connectors

## Why choose VJ Electronix

In a highly competitive SMT manufacturing market, quality and productivity are critical. VJ Electronix develops and manufactures all their products with this in mind. For decades, we have secured leading positions in a variety of markets through technological firsts and a variety of innovative customer-specific solutions.

VJ Electronix is the leader in PCB rework, x-ray inspection and x-ray counting systems. VJ Electronix's equipment help improve manufacturing costs and product quality.

VJ Electronix, Inc.  
19 Alpha Road  
Chelmsford, MA, 01824  
USA

Phone: +1 978 486 4777  
[www.vjelectronix.com](http://www.vjelectronix.com)

VJ Offices:  
Bohemia NY  
East Haven CT  
Suzhou, China

Hartsviller, France  
Bengaluru, India  
Budapest, Hungary