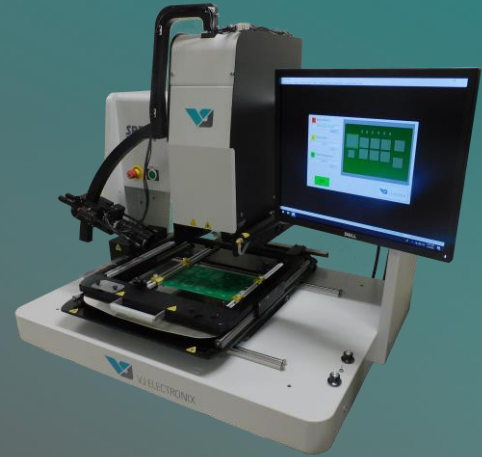
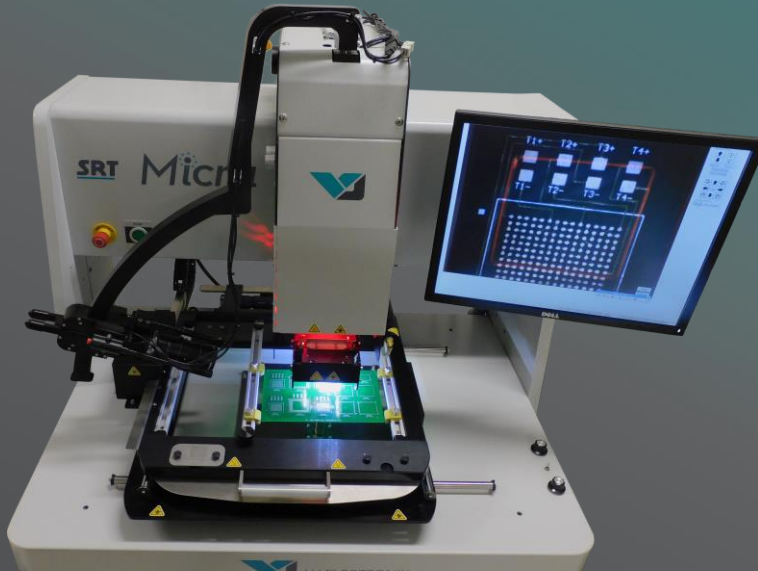


Micra

Micro Assembly & Small Board Rework System



**Largest Installed Base • Excellent Thermal Performance • Process Flexibility
Ease of Operation • Global Support • Industry Leading Reliability**

Micro Assembly Rework – The Micra addresses the challenges of reworking and scavenging the smallest and most tightly spaced technologies.

Independent Pick and Place – Motorized reflow head driven by an advanced motion system with programmable force control provides precision with total flexibility.

Nitrogen Inert Environment – Programmable process control applies nitrogen only when needed maximizing N2 savings.

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

- Enhanced profile sharing and user collaboration

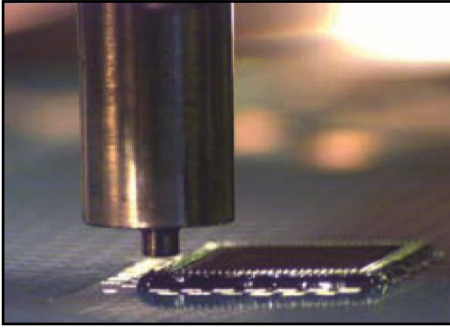
Auto Profiling Capability – Fast and easy profile creation. Simply enter the desired product temperatures. After thermal profile is created, the entire reflow process is built automatically and ready to run.

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

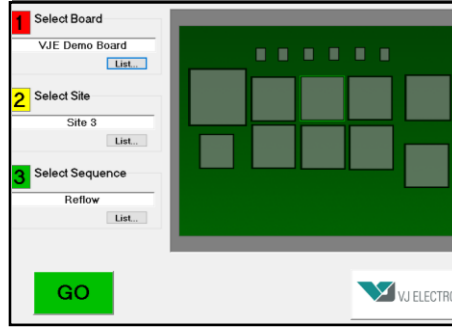
- Industry-leading speed, control, repeatability

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

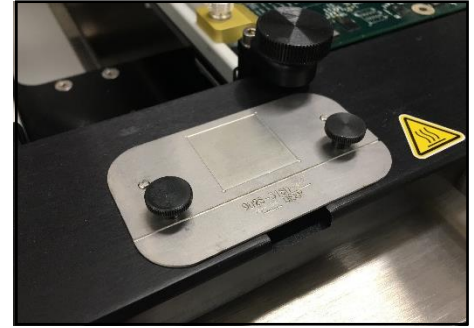
- Eliminated risk of damaged pads and solder mask



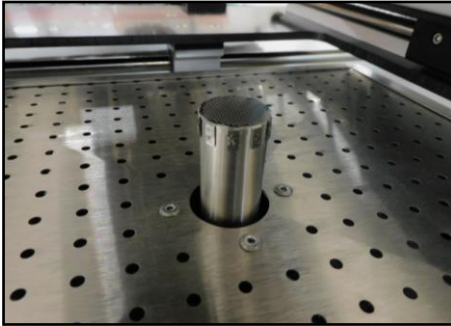
SOLDER SCAVENGER WITH DYNAMIC HEIGHT SENSING



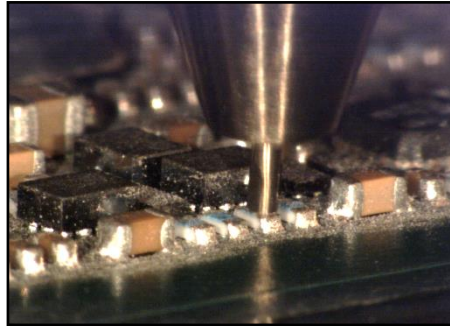
1-2-3-GO SIERRAMATE™ GRAPHICAL USER INTERFACE



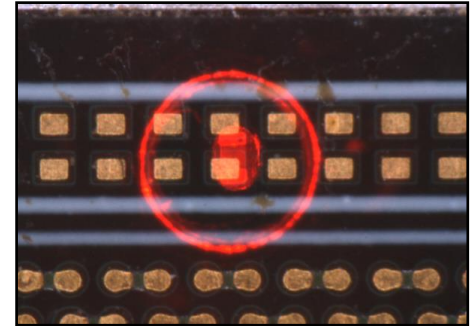
FLUX DIPPING STATION



DUAL CONVECTION BOTTOM HEATERS



01005 REWORK



OPTICAL ALIGNMENT SYSTEM

Technical Specifications

Placement Capability	0.0005" (12μ) mean + 3σ	
Top Heater	1.5kW Focused Convection	
Bottom Heater	2.4kW Convection Plenum (option)	
Spot Heater	800W	
Z-Axis Motion	Independent & Programmable Z-Height Pickup Tube Independent & Programmable Z-Height Top Heater	
Theta Motion	Programmable Motorized Theta - 360°	
Field of View	1.3" (35mm) Square	
Max Board Size	12x14" (300x350mm)	
Component Range	0.005" (0.12mm) to 8" (200mm) Connectors	
Temperature Control	K-Type Thermocouple (Closed-Loop)	
Thermocouple Jacks	4	8 (option)
Compliance	CE, CAN/CSA, UL 61010-1	
Special Features	Automatic Component and Vision Shuttle Programmable Placement Force Control Automatic Component Height Sensing & Alignment Height	

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.

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