

Automatic, High-Volume High Mix Rework System

2200i

 w/ *Component
Auto Align*

The leading solution for challenging electronics manufacturing applications requiring minimal operator intervention.

The Summit 2200i is our top-of-the-line automatic rework system equipped to handle boards up to 22" x 28" and components as small as 01005. It has the ability to program and control X,Y, and Z-axis and Theta. Additionally, motorized top heater travel, component pick-up tube, zero-force component removal, component height sensing, optical alignment view height, shuttle position, part nest, and vision optics allow for the development of a fully automated rework process.

Special features include Fully Programmable Rework, Automatic Component Alignment (including components >100mm), Automatic One-run Profiling.

Key Specs:

Placement Capability: 0.0005" (12u) mean + 3σ
Maximum Board Size: 560 x 710mm (22 x 28")
Component Range: 01005 - large connectors
Field of View: 65/80mm



Why Choose A VJE Rework System?

At VJ Electronix we build equipment that keeps your production line running efficiently to reduce cost, eliminate downtime delays, improve product quality, and ensure customer confidence and trust.

VJE combines years of industry leadership, technical expertise, and product development knowledge to manufacture state-of-the-art x-ray and SMT rework systems. VJE is your one-stop source for intelligent solutions that boost the productivity of high-value, high-precision applications in electronics manufacturing and industrial markets worldwide.



VJ Electronix, Inc.

Corporate Office:
19 Alpha Road
Chelmsford, MA
01824 USA

1-978-486-4777
electronixsales@vjt.com

www.vjelectronix.com

COPYRIGHT©2026 VJ ELECTRONIX, INC.
PC-RW | REV 01/26

SUMMIT Rework Systems

750i, 1800i, 2200i
LXi, LXi Auto, LT120, LT150



 **VJ ELECTRONIX™**
Process Control Solutions

CONFIDENCE DELIVERED

REWORK • X-RAY INSPECTION • COMPONENT COUNTING

WHAT'S THE SUMMIT ADVANTAGE?

Pure Convection Heating

Summit systems utilize forced convection heating that closely mimics oven profiles to provide higher thermal throughput and uniformity resulting in efficient, repeatable rework processes.

Large PCB/Device Capability

Our systems are designed to rework components from 01005 to 150mm*, and boards up to 25" x 47". Upgrades to tables, vision systems and multitude of tooling options provide you with the flexibility to rework even the most challenging boards and devices. (*System Dependent)

Superior Accuracy

Summit systems are designed with independent pick-up tube and heater motion with independent programmable heights and forces providing accurate placement of micro pitch devices, large components, and connectors

Easy to Use Software

Proprietary SierraMate™ software has an easy to use "1-2-3-Go" user interface for Operators and powerful programming tools for Engineers to build highly controlled and repeatable processes.

Solutions for All Applications

Summit systems support a wide variety of SMT applications ranging from consumer markets, 5G infrastructure, mobility, industrial, medical, transportation, battery, security, networking, and aerospace.

Industry Leading Quality

Summit systems, formerly known as SRT, set the standards for quality in rework. Our systems are built to last with an average machine life of 10+ years and accessible, timely service and support.

Semi-Automatic, Standard Rework System

750i

High performance, entry-level rework system for small to large SMD assemblies.

The Summit 750i is a high performance and cost-effective solution to your rework needs. This entry-level system is capable of handling boards up to 18" x 24" and components as small as 0201. The 750i is ideal for applications requiring High Heat Transfer Capability, such as Commercial and Consumer Electronics.

Special features include Programmable Pick and Place, and Automatic Component Height Sensing

Key Specs:

Placement Capability: 0.0020" (50u) mean + 3 σ
Maximum Board Size: 455 x 560mm (18 x 22")
Component Range: 0201 - large connectors
Field of View: 50mm

Semi-Automatic, High Precision Rework System

1800i

High volume/mix applications requiring precision such as servers, automotive, and medical devices.

The Summit 1800i is the most installed rework system around the globe. This system is capable of handling boards up to 22" x 28" and components as small as 01005, and up to 83mm.

Special features include Automatic Component and Vision Shuttle, X-Y Pick, Programmable Pick & Place, Auto Component Height Sensing, Automatic Site Scavenger with Dynamic Height Sensing

Key Specs:

Placement Capability: 0.0005" (12u) mean + 3 σ
Maximum Board Size: 560 x 710mm (22" x 28")
Component Range: 01005 - large connectors
Field of View: 83mm

Semi-Automatic, Large Form Factor Rework Systems



LXi/LXi Auto

Precision rework of extra large boards and large components.

The Summit LXi is the go-to rework system for AI, and industrial applications. This system is capable of handling boards up to 25.5" x 47" and components as small as 01005, and up to 120mm.

Special features include Automatic Component and Vision Shuttle, X-Y Table Pick, Programmable Pick & Place, Auto Component Height Sensing, Automatic Site Scavenger with Dynamic Height Sensing.

Key Specs:

Placement Capability: 0.0010" (25u) mean + 3 σ
Maximum Board Size: 650 x 1200mm (25.5" x 47")
Component Range: 01005 - large connectors
Field of View: 90mm



LT120/LT150

High Precision rework of large servers, backplanes, boards, and components optimized with a large FOV & optics.

The Summit LT150 is the latest addition to our Summit line. This enhanced optics, large form factor rework system is capable of handling boards up to 25.5" x 47" components as small as 0201, and up to 150mm.

Special features include 150mm FOV, Automatic Component and Vision Shuttle, X-Y Table Pick, Programmable Pick & Place, Auto Component Height Sensing, Automatic Site Scavenger with Dynamic Height Sensing

Key Specs:

Placement Capability: 0.0020" (50u) mean + 3 σ
Maximum Board Size: 650 x 1200mm (25.5" x 47")
Component Range: 0201 - large connectors
Field of View: 120/150mm

