

## New Equipment in 2019



**Mycronic MYC50**



**Jewel Box 90T**



**PI Primo M SPI**

Manufacturer	Model	#	Process	Features
DEK	Horizon 01i	1	Screen Print	Hawkeye Verification System
DEK	Horizon 8	1	Screen Print	Hawkeye Verification System
Mycronic	MY12E	1	Pick and Place	Dedicated Prototyping Machine
Mycronic	MY12E	1	Pick and Place	Low/Medium Production Line
Mycronic	MY200 SX14	1	Pick and Place	High Volume Conveyorized Line with LED Handling upgrade package
Mycronic	SMD Tower 6150-15	1	Component Storage & Tracking	An automated and climate controlled storage system for reels and trays
Vitronics	Soltec XPM3	2	Reflow Oven	Nine-Zone Oven
Nordson	Yestech FX	2	Automated Optical Inspection	Multi-spectrum Angular Inspector
Folungwin	FL-MD450	1	Wave Solder	Automated, Large PCB Width of 450mm
Vitronics	Soltec 6745	1	Selective Solder	Lead & Lead Free
SmartDRY	SD-10	1	Smart Component Drying System	SMARTBake technology intelligently controls MSL to the J-STD-033 specification, mitigating ESD at low humidity levels.
SmartDRY	SD-30	1	Smart Component Drying System	Intelligently control MSL to the J-STD-033 Specification while mitigating ESD at low relative humidity levels.
Aqueous Technologies	Trident ZDO	1	Board Wash Solution	Wash to 2000 Resistivity
Aqueous Technologies	Aqueous Zero Ion-24	1	Board Cleanliness Verification System	Military and IPC approved cleanliness tester. Meets WS 6536, MIL STD 2000A, IPC J-STD 001, and TM650 2.3.24
Epilog	Mini 30 Watt	1	Laser Etcher	1200 DPI, CO <sup>2</sup> Cooled
Toppoint	2000 SMD Component Counter	2	SMT Component Counter	Double checks all component counts
Sonitek	TS500	1	Thermal Press	Heatstaking and Heat Swaging Enclosure Solution
Mycronic	MYC50	1	Selective Conformal Coating	Three Valve, Multi-Angle, High Volume
Mycronic	PI Primo M SPI	1	3D Solder Paste Inspector	Real-time 3D Visualization of Solder Paste and Inspection
Jewel Box	90T	1	X-Ray Inspection System	5-Axis, 5 Micron X-Ray Source, 2000x Magnification
Crealty	CR-10S & CR10S4	2	3D Printer	Rapid-Prototyping, +/-0.1mm, PLA, ABS