



# Extensive Equipment List

**RiverSide Electronics** invests a significant amount of capital resources into both leaded and surface mount manufacturing equipment. Because, RiverSide is able to spread the costs of owning and operating our equipment across a large number of assemblies belonging to several different Customers, we are able to save each individual Customer significant investment dollars.

The RiverSide Electronics manufacturing equipment list is very dynamic and is continually upgraded, improved, and grown to meet the ever expanding manufacturing requirements of our Customers and their products. For Customers who need green manufacturing capability, we have machine lines qualified for ROHS / Lead Free manufacturing. And because we use our equipment extensively and in a variety of applications, we possess the skills and the process knowledge that our Customers have come to rely upon.

Type of Machine	Manufacturer	Model	# Units
<b>Coating Booth</b>	Silicone & Polyurethane	---	1
<b>Coating Machine</b>	PVA (Silicone)	2000	3
<b>Cut and Strip Machines</b>	Eubanks	Various	4
	Schlenniger	Strip Crimp 200	1
<b>De-panel Machine</b>	Cencorp	1001SR	1
	CAB	Maestro 4m Depanelizer	2
	Atom	Clicker SE20C	1
<b>Gasket Machine</b>	I&J Fisnar	9000 Series	3
<b>Glue Dispensing</b>	Camalot	2800	1
<b>Insertion - DIP Auto Inserter</b>	Universal	---	1
<b>Insertion - Pin Inserter</b>	Autosplice	Mini	1
<b>Insertion - Radial Auto Inserter</b>	Universal	---	1
<b>Insertion - Variable Center Distance (VCD) Auto Inserter</b>	Universal	6287A	2
	Universal	6284	1
<b>Inspection - Automatic Optical Inspection (AOI)</b>	YesTech	YTV-F1	6
<b>Inspection - X-Ray Machine</b>	VJ Technologies	1000-LP	1
<b>Materials Analyzer – XRF (X-ray Fluorescence)</b>	Niton	XLT 797Z	1
<b>Mechanical Fastener Press</b>	PEM Inserter	LT/4	1
	Hager	618	1

<b>Potting Machine</b>	Ashby-Cross	2 part Silicone	1
	Ashby-Cross	2 part Epoxy	1
	Ashby-Cross	2 part Polyurethane	2
	Cavist	1 Part Hot-melt Polyamide	1
<b>Rework - SMT/BGA Rework Machine</b>			
	OK International	APR-5000-XL-ML	1
<b>Screen Printing</b>			
	MPM	2500	3
	MPM	UP2020	1
	DEK	Horizon 02	3
<b>Sequencer - Axial</b>			
	Universal	2596A 80 Station	1
<b>SMT/Surface Mount - Pick and Place</b>			
	FUJI	CP-42	3
	FUJI	QP-242	1
	FUJI	CP-43	1
	FUJI	CP-642	1
	Mydata	My 12E	3
	Mydata	My 12	1
	Universal Instruments	AC30	2
	Universal Instruments	S2:Single Beam Multi-Func	1
<b>SMT/Surface Mount - Reflow Oven</b>			
	BTU	Pyramax 89	5
	Speedline	Omniflo 7	1
<b>Solder - Selective Solder</b>			
	Pillarhouse	Jade S-200	4
<b>Solder - Wave Solder</b>			
	Electrovert	Vectra - Lead Free / ROHS	2
	Electrovert	Electra	1
	Vitronics	6622 CC	1
<b>Stencil Cleaning System</b>			
	PresSure Products Co.	PPC-N29TP Ultrasonic System	1
<b>Table Top Termination</b>			
	Zierick	9500	5
	Zierick	9700	1
<b>Tape and Reeling</b>			
	V-Tek	SMT	1
	V-Tek	Radial	1
	Universal	Axial	1
<b>Test - Burn-In Chamber</b>			
	Thermotron	SE1000-6-6 w LN2 Boost	1
	Thermotron	SM-32C	2
<b>Test - Flying Probe</b>			
	SPEA	4040	1
<b>Test - Functional</b>			
	Custom	National Instruments Labview Platform	As Needed
	Custom	Visual Basic Platform	As

			Needed
<b>Test – In-Circuit Tester</b>	Agilent	3070 series 3	3
	CheckSum	TR-9	2
<b>Water Wash</b>	Electrovert	HS-222 SMT Hydrocleaner	1
	Electrovert	Aquastorm 200 with Saponification for no clean rinse option	1
<b>Tray Washer</b>	CMA	B-2	1

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