

EBE FACILITIES EQUIPMENT LIST

QTY	MFG	DESCRIPTION	CHAMBER SIZE
3	EBE Beamer	2 x 60 KV 3 KW Electron Beam Welders 1 x 60 KV 5 KW Electron Beam Welders	12" Cube
2	EBE Beamer	60 KV 3 KW Electron Beam Welder. Fitted with high magnification optics, CNC 3 axis work manipulation, wire-feed, and 9" diameter x 72" extension tubes.	18" Cube
1	EBE Beamer	60 KV 5 KW Electron Beam Welder. Fast pump system and beam tacking and pulsing. CNC 3 axis (4 th option for beam focus control). XY & rotary.	24" x 24" x 27"
1	EBE Beamer	60 KV 5KW Electron Beam Welder, with chamber extension tubes. Fast pump system, circle generator, CNC 4 axis capability, high magnification optics.	39" cube
1	EBES	Data Logger for Beam Parameter recording on any Electron Beam Welder	
1	Miller	Syncrowave 351 G.T.A. Welder. (AC/DC) Microprocessor controlled with cold wire feed.	
1	Miller	Maxstar 152 (DC) G.T.A. Welder	
1	Miyachi Weldmatic	500 joules Resistance Spot Welder.	
1	Miyachi	Model HF25 Resistance Spot Welder with manual and air operated weld heads. Weld quality control package included.	
1	LaserStar	LaserStar iWeld Laser System (G3) 990 Series	
1	LaserStar	LaserStar 1900 XL 200W 150 Joule Laser	
1	IPG 450	IPG 450/4500 Fiber Laser	

QTY	MFG	DESCRIPTION	CHAMBER SIZE
1	RMI UF-20	RMI UF-20 Laser Marking System	
2	Lumonics	JK-700 400 watt pulsed YAG Laser Welder with 2 fiber optic delivery systems connected to: CNC X-Y-Z-Rotary workstation	24" x 24" travel
1	IPG 4KW	4KW Multimode Ytterbium Fiber Laser System	Gantry System 6ft x 4ft
3	Varian	Helium leak detector. Sensitivity 1×10^{-10} atm cc/sec. Sniffer and "Bomb" testing as well as component evacuation. Certified to National standards.	
1	Lucifer	Heavy Duty Air Recirculating Furnace Model: 42-R30	24"H X 24"W X 30"L
1	LR Technologies	Vacuum oven Model LN-63	
2	ProUltrasonic	Ultrasonic Cleaning Equipment	
1	Vixen	Vixen AquaBlast 1215 Vapor Blasting System	
1	Watson	Watson M1 XRF Unit for detecting material type/composition.	
Metallurgical Lab		Allied Hi Tech Products Sectioning, Mounting and Polishing Equipment.	
Machine shop (Tooling)		Lathes, Mills, Band-saw, Drill Press etc.	
Electronics Lab		Repair & Development. Specializing in EB Welders and accessories.	



Current as of 10/01/2017

1425 South Allec Street, Anaheim, CA 92805
 Telephone 714-491-5990 Fax 714-758-0690
 www.ebeinc.com

QTY	MFG	DESCRIPTION	CHAMBER SIZE
	Q.A. Department	<p>Microscopes, digital meters, test equipment for 60 KV power supplies, granite table, height gauge, micrometers, calipers, gauge blocks, dial gauges, borescope.</p> <p>“Precision Measuring Microscope” of 2D parts with dimensional data logging and photographs. FALCON 3 AXIS SYSTEM</p>	
	Engineering, Design & Maintenance	CADD Design, (Solidworks), Mechanical, Electrical, Electronics, Computer Systems	