

East West
design • manufacturing • distribution

Capabilities Overview: Boston, MA

PCB ASSEMBLY

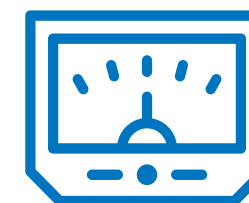
STRATEGICALLY LOCATED in Boston's innovation hub, this facility offers services for a range of industries including medical, military, industrial and commercial. Our PCB assembly capabilities include:

- SMT (BGA, micro BGA)
- Thru-hole assembly
- Cable and harness
- Flex circuit
- Wave and selective wave soldering (leaded and lead free)
- Aqueous and no clean process
- Conformal coating

TESTING SERVICES are meticulously completed in-house for customer convenience and include AOI, X-ray, burn-in, hi-pot, flying probe, in-circuit and functional testing.

OTHER SERVICES

OVERVIEW



BOX BUILD capabilities in Boston give customers the benefit of end-to-end service. We are equipped to not only manufacture, but program, test, label and package box build and system integration according to project specifications. Each process is closely monitored and inspected to ensure the highest quality every time. Our global material sourcing and aggregated volume purchase enables cost competitiveness.



NEW PRODUCT INTRODUCTION allows our customers to launch projects into the marketplace timely, efficiently and with full confidence in our quality standards. Prototypes are processed and manufactured as production units. A seamless transition to East West's higher volume global facilities is available once production ramps.



CERTIFICATIONS at this location include ISO 9001:2015, ISO 13485:2016 and ITAR. These allow us to uniquely serve the medical device and military industries.



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FACT SHEET

THE FACILITY

EAST WEST: BOSTON



45,000
square feet



Air-conditioned
industrial building



ESD protection
throughout

SMT EQUIPMENT

4 Fuji & 1 Mydata SMT Lines

- Screen printers
 - (2) Fiju GP341
 - (3) ESE US-7000X
- Paste inspection station
 - (1) Cyber optics LSM
- High speed chip shooters
 - (3) Fuji XP-143E
 - (1) Fuji CP-65
 - (1) Fuji CP-IV-3
 - (1) Fuji CP-IV-2
- Pick and place machines
 - (3) Fuji IP-III
 - (1) Fuji XP-243-E
 - (1) Mydata MY200SX
- Convection ovens
 - (3) Conceptronics HVN 102
 - (1) BTU Reflow Oven AEMA-1C
- Aqueous cleaning system
 - (1) Electrovert Aquastorm 200
- Water treatment system
 - (2) Separation Technologies Aqua Cycle ST1030
- Stencil cleaning system
 - (1) Austin America Technology X-40
- Wave solder machine
 - (1) Electrovert Vectra
- Selective wave machine
 - (1) ACE Production Technology KISS-103

INSPECTION & REWORK STATIONS

- Automated Optical Inspection (AOI)
 - (2) Orbotech, Vantage S22 & Vantage S36
- X-ray Inspection
 - (1) ScienScope X-scope 6000
- Microscopes
 - (1) Vision Engineering Mantis Stereo Dynascope
 - (4) Vision Engineering Mantis VST
- Rework Stations
 - (1) SRT Rework Station
 - (1) VJ Electronix Summit 1800
- XFM ROHS Analyzer
 - (1) XMET 7000

TESTING

- Flying Probe, Acculogic, Sprint 4510
- In-circuit Test
 - (2) GenRad 2287
- Functional Testers
- Burn-in Chamber
- Hi-Pot Tester

ABOUT EAST WEST

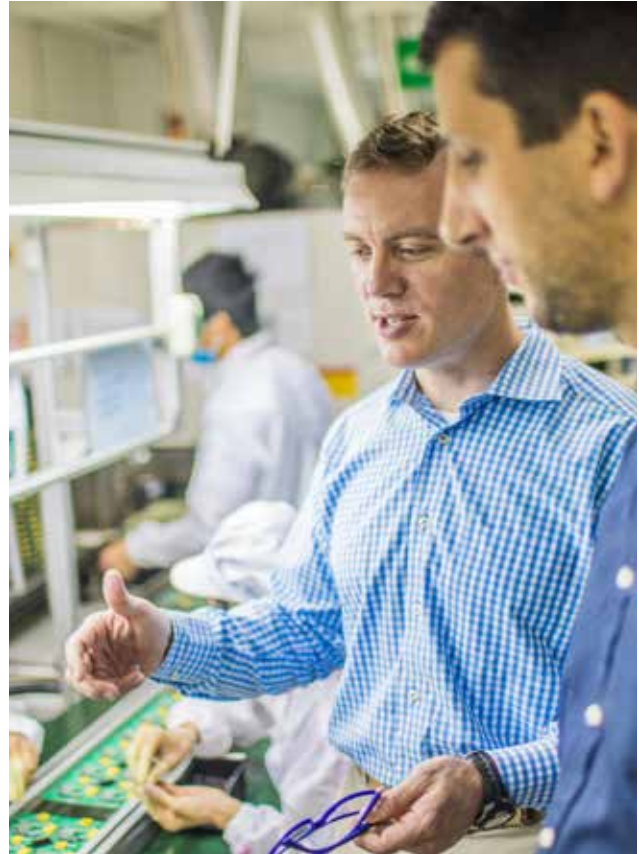
At East West, we strive to make incredible products for amazing companies. We focus on products that make the world a better place - cleaner, smarter, safer, healthier.

GLOBAL FOOTPRINT. With operations domestically, nearshore and offshore, we are able to ensure our customers' products are being produced in a geography that makes the most sense for any specific project. We strategically match your product with one of our factories that will save you time and money without sacrificing quality or ease of communications. Our global footprint allows customers to easily transition with the same supplier to higher volume facilities once production ramps.

U.S.-BASED SUPPORT. Our Atlanta, GA headquarters houses our engineering support team which allows us to easily recommend design improvements, enhance functionality and round out specifications that can not only improve the performance of your product, but reduce cost as well.

We also have both Boston and Atlanta-based customer support teams dedicated to keeping you informed during every step of the design and production process, ensuring you're able to get any questions or concerns addressed quickly.

VENDOR-MANAGED INVENTORY. East West's warehousing and VMI program are operated out of our warehouse in Decatur, G.A. Should you choose to take advantage of this program, we will either monitor your inventory using our own team, or gather stock information from you. We can help you make better buying decisions, including managing costs by reducing spikes and dips in inventory.



**GET IN
TOUCH**

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