

New England CM



Contract Manufacturers for the Electronics Industry.



Company Profile

New England CM, Inc.
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Mission Statement

New England CM is committed to providing quality assembled products to the electronics industry equitably, and on time.

Business Model

New England CM is an electronics contract manufacturer that specializes in SMT and Mixed Technology PCB assembly on either a turn-key or consignment basis. Our customers typically are small to medium size electronics companies and design houses that prefer to focus their resources on product development rather than spending large amounts of capital on manufacturing equipment, licensing, and personnel.

Capabilities

New England CM uses Mydata automatic pick and place equipment. The Mydata MY9 has exceptional changeover versatility as well as the capability of placing a range of components from fine-pitch, BGAs, flip chips to 0402s at a rate of 14,000 cph. The Mydata TP-9 is the workhorse placing larger components automatically. Screen printing is performed using an EKRA X1 semi-automatic screen printer capable of screening flexible and rigid materials with a thickness up to 25.4 mm. Paste height, registration, and other printing parameters are tested using the CyberOptics LSM2 paste measuring system. Solder reflow is provided by a Conceptronic HVA-102 7-zone reflow oven. The HVA-102 is well suited for reflow temperatures required for the RoHS compliant components and PCBs. Thru-hole components are installed by our staff of highly qualified solderers.



EKRA X1



Mydata My9



Conceptronic HVA-102

New England CM offers both SnPb, and Pb-free processing. No-Clean pastes are normally used, however, water-soluble pastes are available with an additional cleaning fee. 24hour 'quick turn' orders are accepted. Typically, New England CM will ship 3-5 days after receipt of material.

Equipment List

- Mydata MY-9 automatic pick and place.
- Mydata TP-9 automatic pick and place.
- EKRA X1 screen printer.
- Conceptronics HVA-102 7-zone reflow oven.
- 4- OKI hot air SMT component removal stations.
- Smart Sonic ultrasonic cleaning system.
- RaDoll Afta-Score PCB de-paneler.
- CyberOptics LSM2 paste measuring system.

Facility

New England CM is located in a newly renovated 6000 sq ft. facility at 31 Hayward St. in Franklin, Mass. We are directly off of Rte. 140, and 5 minutes from Interstate 495. The property is host to 36 businesses ranging from architects to educational services. New England CM is located to the right of the building, in the rear.





Commitment to Quality

New England CM is committed to quality through continuous process improvements. Using a custom PDM system, all processes are documented electronically under revision control. Customer build revisions are also maintained to ensure assembly accuracy. New England CM is also in the process of ISO 9000 certification.

About Us

Steven Leacu - President and General Manager.

A graduate of Wentworth Institute in Boston with a Bachelor of Science degree in Electronic Engineering Technology, Steve Leacu has 38 years of experience in electronic manufacturing and test. Prior to his position as President and General Manager of New England CM, Mr. Leacu held engineering management positions with Micro Networks Corporation in Worcester Massachusetts and Datel Corporation in Mansfield Massachusetts.