

Contract Manufacturing Services

[Your
Dependable
Partner]



ELECTRASEM

Ideal for Low Volume Manufacturing

[Automated Cellular System]

Expertise

- Sensors
- Detectors
- Instruments
- Safety monitors
- Printed circuit board assembly
- Cable assemblies

Capabilities

- SMT assembly
- Thru-hole assembly
- IPC A610 Workmanship Standards
- Vacuum capable
- Electro-mechanical assembly
- Heat staking
- Ultrasonic welding
- Micro-coil winding
- Bonding and encapsulation
- Conformal coating
- Automated wire processing
- Microscopic assembly
- Precious metals screen-printing

Contact Us Today

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Turn-Key and Labor-Only Services

Electrasem is a business unit of General Monitors, a global leader in safety detection and monitoring for industrial applications. Electrasem's contract manufacturing services are ideal for:

- Emerging companies with new products and no manufacturing
- Established companies needing additional capacity
- Companies with low-volume or end-of-life cycle products

Ceramic Substrates

We manufacture custom ceramic substrates for a wide variety of applications, such as custom ceramic substrates with fired-in precious metal pins for superior performance and ultra-high reliability in rugged environmental conditions.



Reflow Soldering

Offering both reflow and infrared soldering technologies, gives our customers the option to select the best soldering method for the unique manufacturing requirements of their individual printed circuit board designs.



Thin Film Vacuum Deposition

Our thin film vacuum deposition equipment relies on Rf and DC bias etching and sputtering. We produce advanced electronic circuitry and finished devices for a wide range of sensor and other high reliability end-user applications.



Pick and Place Assembly

Our pick-and-place assembly equipment capabilities range from small prototype runs to medium volume assembly. Standard component sizes range from the 0402 chip to PLCC 84 and up. Quad Vision systems provide fine pitch placements.



Optical Inspection

Optical inspection, automated testing and expert technicians ensure fast and accurate manufacturing with high yields. Our inspection system eliminates complex instrument set-ups for manual result correlation that slows deliveries.

