

ASSEMBLY AND INTEGRATION

TURNING IDEAS INTO PRODUCTS



Passion for Perfection

The PECO assembly department is fully equipped to handle both high and low volume projects. Our facility offers multiple specialized assembly stations including contamination-controlled, elevated temperature, as well as automated and semi-automated.

Helping You All the Way

Our large in-house manufacturing engineering staff has dozens of years of experience to help optimize the manufacture of your product. A broad range of equipment and specialized facilities supports the most demanding assembly requirements.

A Full-Service Manufacturing Partner

With more than 50 years of specialized manufacturing experience, PECO is the expert in the assembly, integration, and test of metal, plastic, and electronic products.

HIGHLIGHTS

- Extensive automation capabilities
- Start-to-finish assembly and integration
- Temperature controlled, contamination-free stations
- Outstanding in-house Manufacturing Engineering support
- Corporate culture of continuous improvement

Working with PECO

When you work with PECO Precision Manufacturing, you can rely on us to provide high quality, high precision, on-time deliveries. Our customers include major defense contractors, medical device and instrumentation companies with global operations, semi-conductor equipment manufacturers, aerospace companies, telecommunications companies, specialized OEMs and a variety of other companies from a broad cross section of industries. We take the tough jobs that other companies with less capability can't.

Look to our resident Manufacturing Engineering Team to help design an end-to-end solution that meets your specific requirements. We're a completely turnkey manufacturing partner with every capability you'll need within our state-of-the-art 180,000 square foot facility.

PROCESS	RANGE OF CAPABILITIES
Metal die casting	85T – 880T aluminum/zinc, vacuum assist and shot monitoring
Plastic injection molding	40T 2oz – 850T 100oz, integral color, humidity control, ultrasonic welding
Precision machining	Nine machining centers including Mazatech FH-5800 with Pallatech™ manufacturing cell
Screw machining	Single and multiple spindle automatic, automatic forming
Assembly and integration	Robotic assembly and material handling, climate controlled facilities
Painting and surface preparation	Two cross-draft painting facilities with force cure, NADCAP accredited, RoHS-compliant chromate, Sol-Gel™, part sizes up to 0.53m ³



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