

High-Precision SMT Solutions for Critical Medical Devices

Vertically integrated services that ensure quality, compliance and efficiency for implantable device PCBAs

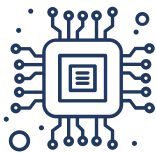
Cirtec Medical's Surface Mount Technology (SMT) manufacturing capabilities deliver a streamlined, end-to-end solution for medical device OEMs. Our vertically integrated approach combines precision SMT assembly with deep expertise in medical device design, development, and manufacturing, supporting every phase of the product lifecycle. We are committed to the

highest standards of quality and compliance, ensuring reliable performance and patient safety whether you need PCBAs for Class III implantable devices or lower-volume production for accessory components. Our approach saves our customers time, reduces costs, and expedites time to market, enabling quicker revenue generation.

The Cirtec Difference



Vertical integration for a complete manufacturing solution



Expertise in Class III PCBA Manufacturing for implantable devices

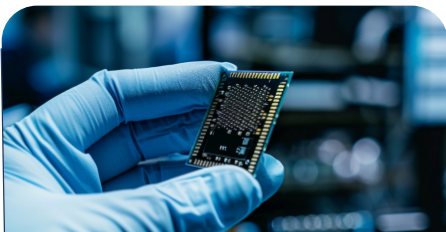


Simplified supply chain management for customers



Reduced costs and shorter lead times

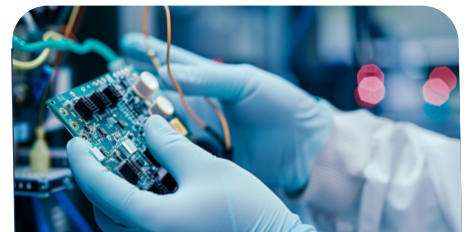
SMT Services Offered



Class III PCBA Manufacturing for Implantable Devices



High-Mix, Low-Volume Production



PCBA Manufacturing For Accessory Devices

Key Capabilities

Controlled Environment Room Manufacturing

State-of-the-art cleanroom facilities ensure minimal particulate contamination.

Advanced Equipment and Processes

High-precision SMT placement, advanced soldering techniques, and automated inspection systems.

Skilled Personnel

Experienced technicians and engineers trained in implantable device PCBA manufacturing.

Traceability and Documentation

Unique device identification, detailed records, and strict revision control.

Quality Management System

ISO 13485 certified and compliant with FDA regulations and cGMP standards.

Material Selection and Control

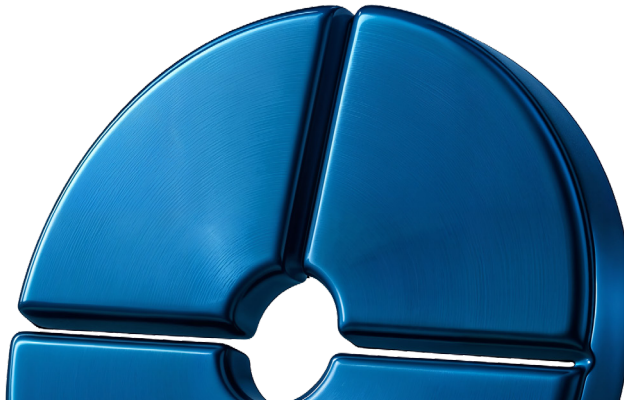
Medical-grade, biocompatible materials with rigorous inspection and handling procedures.

Testing and Validation

Comprehensive electrical, functional, and environmental testing to ensure reliability.

Post-Manufacturing Support

Ongoing technical support, failure analysis, and continuous improvement initiatives.



Cirtec Medical is a global leader in design, development, and manufacturing of complex Class II and III medical devices, specializing in active implant systems, interventional devices, and precision components.

Since 1987, Cirtec Medical has built extensive in-house capabilities that enable the company to serve as a single-source partner and collaborate with customers to transform their technology into innovative medical devices. With 11 global facilities and a vertically integrated approach, Cirtec Medical aims to expedite time to market, reduce risk, and accelerate revenue generation for our partners.

Learn more at CirtecMed.com