

Teltronics Contract Manufacturing

Contract Manufacturing: Medical

With 40 years of experience; providing a full-range of engineering and manufacturing services, Teltronics is an unparalleled leader in Electronic Manufacturing Services.

Commitment and Dedication

At Teltronics we focus on providing turnkey medical device contract manufacturing. Our services include design assistance, prototyping, process development and clinical trial builds. In addition to these front end capabilities we can also source, purchase, receive, inspect and stock components for our customers. Our complete printed circuit board assembly includes through hole and surface mount technologies utilizing state-of-the-art, sophisticated, equipment.

Industry Leader

As a recognized leader in providing integrated product development, manufacturing, and sustaining services of medical products, and as an ISO certified manufacturer of Class II and Class III medical devices, our manufacturing resources will help get your products to market on budget, on time, and with the highest quality.

Unique Experience

As a Contract Manufacturer since the late 1960's our experience speaks for itself. It is not just our longevity that makes us unique but rather our expertise in the Medical market. Our design team and dedicated program managers (DPM) can provide all of the services necessary to bring your new project from concept to customer delivery. Teltronics' unique market experience crosses boundaries with expertise that extends globally.

Awards and Successes

Competing with contract manufacturing companies that strive for total customer satisfaction, Teltronics received the Technology/Innovation Award sponsored by the Manatee Chamber of Commerce Economic Development Council, and has been honored by the Tampa Bay Business Journal for Manufacturing.

Quality Services

Providing outstanding customer service is the back bone of our company. Assuring the product we produce meets your specifications and is shipped on time is our first priority. If

your demand suddenly increases, we will respond. If design changes are required, rest assured we take them as seriously as you do. At Teltronics we realize our success as a medical contract manufacturer depends on our customer's success with the devices we manufacture for them. It is our goal to work with you to optimize your design for manufacturability and to reduce your manufacturing cost to its lowest un-compromised level.

Partnered for Success

While our customers concentrate on product design and marketing, Teltronics focuses on high quality, reliability and strength through personalized relationships. Teltronics realizes the importance of being in the service business and we know that our success depends on our ability to operate quickly and efficiently to meet the customer's specialized and ever-changing needs. Issues such as service, dependability, responsiveness and flexibility are what lead to customer satisfaction. These issues are not resolved with just equipment capacity and engineering, but rather by the character and dedication of Teltronics and its people!

Capabilities

Teltronics continues to advance as electronic manufacturing technology evolves. We pride ourselves on maintaining a state-of-the art manufacturing facility featuring the latest technology.

Continuous Flow SMD assembly lines, consisting of:

- (3) DEK Automatic Vision SMT Screen printers
- (3) Amistar Vision Fine Pitch SMD Component Mounters w/ Tray Towers
- (3) Universal High Speed Chip Shooters
- (1) Universal Automatic .300 / .600 DIP Inserter
- (1) Universal Automatic Axial Sequencer / Inserter
- (1) Universal Automatic Radial Sequencer / Inserter
- (2) Crown Simplimatic Automatic Board Loaders

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- (2) HELLER 1700 Forced Air Convection SMD Reflow Ovens
- (1) HELLER 1800W Forced Air Convection SMD Reflow Oven (RoHS Compliant) 

Soldering / Rework / Cleaning:

- (1) ELECTROVERTECONOPAK-II Wave Solder
- (1) SPECNOR TECNIC MINI-WAVE Solder Machine
- (1) PLATO SP-500T Solder / Tinning Pot
- (1) METCAL Chipmaster Plus Hot Air Rework Station w/ SMD 2000 Preheater
- (1) ELECTROVERT H500C Aqueous Wash System
- (1) Quantrex L&R Ultrasonic Cleaner

Preparation:

- (2) HEPCO 1500-1 Radial Prep Machines
- (2) HEPCO 3000-2 Radial Prep Machines
- (1) ELECTROVERT ELECTROPREP Radial Prep Machine
- (1) MANN CORP. GG-1 Gatlin Gun Axial Prep Machine
- (1) GPD CF-8 Precision Axial Lead Former
- (1) IDEAL 45-750 WIRE PROCESSOR

Test / Inspection:

- (1) Corelis Boundary Scan test and development system
- (1) HP 3070 In-Circuit/Functional test system
- (1) KENCO Model 500 Omega Meter Ionic Contamination

Test System:

- (1) DATAPAQ Thermal Profiling System
- (1) HP 43804N X-Ray System (BGA)
- (2) MINDREADY AMS-980 Functional Testers
- (1) TENNY Environmental Chamber
- (1) Big M Baking / Curing Oven
- (1) Static and dynamic burn-in room

Miscellaneous:

- (1) Avanti 18BRC/RW Refrigerator (-40 C)
- (1) FOSTER MFG. C1261A-10C Hydraulic Press
- (1) JT&M Inc. A-1066 500lb capacity Automatic Swaging Press

- (1) Terra Universal Humidity Monitored Dry Box System

Certifications

The Teltronics headquarter facility in Sarasota, FL holds the following certifications:

- ISO 9001:2008 certified with zero non-conformances since 1998
- In house certified J-STD-001 Trainer
- In house certified IPC-610 Trainer
- ITAR
- FCC
- UL Certification

Services

The following is a list of the equipment and services available to our Contract Manufacturing clients.

Design Service Software Capabilities:

- Circuit CAM Computer Aided Manufacturing software system
- Orcad Schematic Capture
- ICT fixture development utilizing EM-Test Expert
- Gerbtool Gerber Edit Software
- Computerized BPCS MRP inventory control system
- Complete in-house printing and reproduction with full time graphics artist support
- CAD Design services utilizing PRO/Engineer Wildfire 3.0, AUTOCAD software
- Electronic and mechanical design support
- DFM and DFT product analysis
- NPI (New Product Introduction)
- Conformal Coating
- Direct Fulfillment

For more information, contact Teltronics, Inc. Contract Manufacturing.

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