

Teltronics Contract Manufacturing

Contract Manufacturing

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

Company Overview

Teltronics' leadership in full-service contract manufacturing is attributed to filling an approximately 100,000 square-foot operating facility with automated assembly and test equipment, material warehousing and administrative services. We offer a full range of engineering and manufacturing services for customers in a variety of industries. Well known for our circuit card assembly, including Micro-Ball Grid Array (mBGA), Ball Grid Array (BGA), Fine Pitch, Surface Mount (SMT) and Thru-Hole (PTH) placements as well as electromechanical assembly and system integration.

Teltronics has manufactured state-of-the-art electronic equipment since 1969, gaining new expertise with each endeavor. With our varied and diverse projects successfully brought to market, Teltronics can offer the manufacturing versatility required, with the level of service desired.

Over the years, Teltronics' continued commitment to advanced manufacturing technology and to highly automated operations, processes and complete turnkey services for manufacturing partners has set the standard for excellence and innovation in the electronics manufacturing industry.

Business Overview

Contract Manufacturing has grown dramatically in the last few years. OEMs are looking for additional ways to reduce costs, employ the most advanced technologies and reduce time to market. Teltronics believes that companies using a full range of turnkey manufacturing services have the ability to realize significant advantages beyond the traditional benefits of automated assembly services.

Teltronics' Electronic Manufacturing is not just keeping pace with the industry's growth; we far out-distance it, pushing ahead of our competition by consistently delivering quality service with dedicated program managers and our unwavering commitment to excellence, evident in our 30% growth per annum (average) since 1993.

Mission and Beliefs

The foundation of Teltronics' strategy is the development and support of long-term manufacturing partnerships with leading electronic customers. Teltronics combines traditional values

and integrity with industry-leading technology to form true manufacturing alliances. Teltronics offers world-class responsive service, high-tech manufacturing expertise, long-term open relations, and a keen dedication to quality!



Capabilities Brief

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
- (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

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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.

Chris Schwenk, EMS Regional Sales Manager
Direct 941-753-5000 x7289; cschwenk@teltronics.com
Mobile 727-560-4226

www.TELTRONICS.com
800.434.8358

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