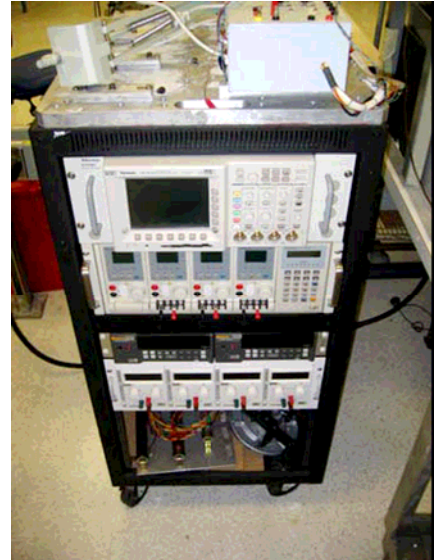


MIL-SPEC CONTRACT MANUFACTURING



Turn-Key / Consignment Manufacturing

Located in Milpitas, CA, Brandt Electronics has been producing electronic equipment for DOD, industrial, and commercial OEM markets since 1979. We have successfully designed and manufactured over 350 different products. These units were built to meet the critical performance specifications of airborne, shipboard, ground-based, man portable and underwater applications. With the experience of over 20,000 total units shipped, our production team will insure that your requirements are met in a timely and cost effective manner with built-in quality and reliability.

Facility

Brandt Electronics occupies a modern 21,000 square foot air-conditioned building located in Milpitas, CA, in the heart of Silicon Valley. Our facility includes the following:

- **ESD Workstations** in compliance with DOD-HDBK-263 for PCBA subassembly and final assembly work
- **Model Shop** for first time qualification and prototype work
- **Potting Shop** for conformal coating of PCBAs, vacuum encapsulation of transformers, and high voltage assemblies with temperature controlled ovens for curing
- **Magnetic Component Shop** with bobbin winders, banding equipment, and microprocessor controlled toroidal machines
- **Test Equipment** including 50MHz to 300MHz scopes, DVMS, 50Hz to 400Hz variable power sources, variable DC power sources, hipot testers, spectrum analyzer for EMI/EMC and output ripple analysis, circuit analyzer for in-circuit stability analysis (i.e. Bode plots), temperature and altitude chambers, and other equipment
- **Quality Assurance Inspection Equipment** including inspection cam and micro height digital caliper



Quality Assurance

Brandt Electronics' Quality Assurance Program is in accordance with the most rigorous industry standards, such as ISO 9001:2008, MIL-I-45208, and Boeing's D1-9000 document. Our facility and procedures are regularly certified through DOD and prime contractor audits. Defect analysis with corrective action follow-up and environmental stress screening are all included in our quality system.

Our current quality system assures that the Quality Department is an integral part of all decisions relating to both Engineering and Manufacturing activities associated with any product. The Quality Assurance Manager has full responsibility for coordinating contract quality requirements with all other departments as well as the quality interface with both customers and vendors. It is also the responsibility of the Quality Assurance Manager to ensure that all customer and company quality requirements are fully complied with during all phases of assembly, inspection and test.

DFM Review and Feedback

During the process of manufacturing your units, our personnel will notify you immediately should we encounter any major manufacturing obstacles. These will be resolved with your approval prior to completing the work at hand. Additionally, any assembly or test processes or design factors that can be changed to improve the manufacturability of your units will be brought to your attention.

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