

FUNCTIONAL TEST FIXTURE FABRICATION

Emerging Technologies, LLC. has been called upon to provide functional test fixture fabrication for different products based on customer-provided designs and/or specifications. The customer provided the electrical design and test systems programming.

Emerging Technologies provided different levels of design, primarily providing manufacturing services to prepare fixtures for customer wiring and test development. In some cases, wiring services were provided by ET.

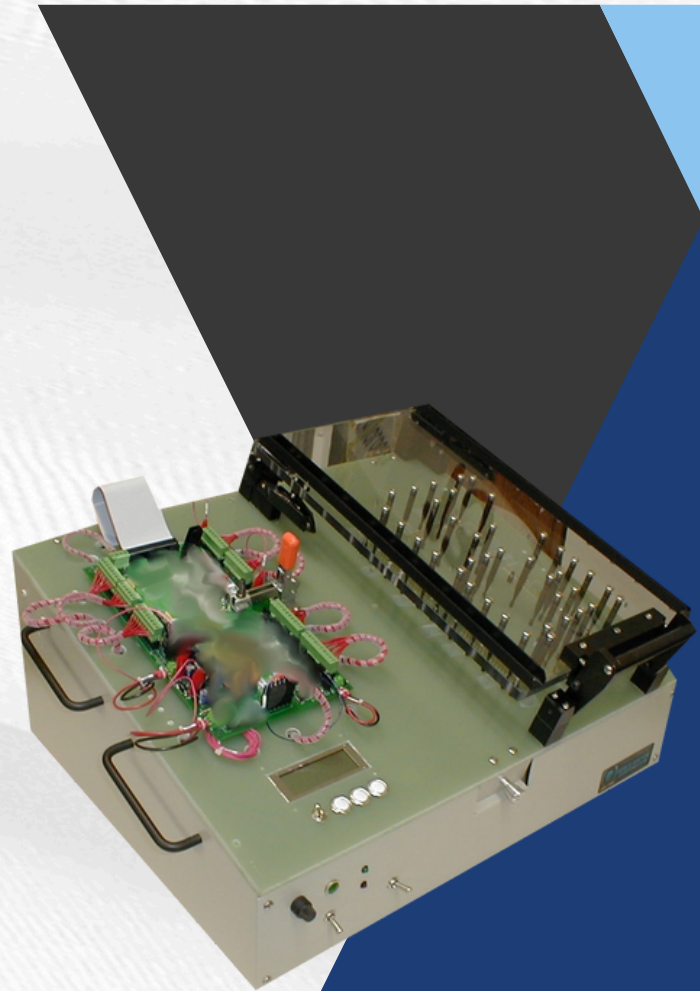
Emerging Technologies offers all levels of custom test system development from concept through deployment. Some customers utilize the full range of services offered while others take advantage of just the services they require to complete their test system effort. With the fixtures showcased in this writing, fabrication services with some design effort were used.

Fixture fabrication projects start from all levels of customer provided input. From hand sketch to detailed drawing, and/or specification package.

Customer Benefit:

Customers benefit from precision manufacturing without the investment in precision machining equipment or specialty tools, as well as specially trained shop personnel. This, for some customers, means saving money and the ability to best utilize their existing resources.

Application Brief



ET RESPONSIBILITIES:

- ✓ Functional Specification Generation
- ✓ Design/Engineering
- ✓ Fabrication
- Programming - Software
- Programming - Firmware
- Field Installation
- On-Site Commissioning
- Post Commissioning Support

TECHNOLOGIES:

Embedded Computers
Microcontrollers
Visual Software
Control Software
Data Acquisition
Computer Based Control
Communications
System Integration
Other - Hard-Wired Logic

SPECIAL FEATURES:

- ✓ Custom Machining.
- ✓ Spring Probe/Socket Installation.
- ✓ Electrical Device Mounting/Wiring.
- ✓ Component Selection.
- ✓ Point-to-Point Verification.