



TetraTek Products, Inc.
We Put It All Together

TetraTek TestKing Systems

Multi-Discipline Integrated
Product Test Facilities

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TetraTek TestKing Systems

Provide a Single Source Solution

Integrated multi-technology product test systems from a leader in custom test systems, TetraTek Products, Inc. We are experts in the one-of-a-kind, technically challenging, never-been-done and unusual.

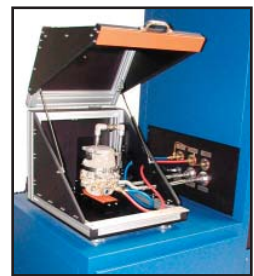
We are extremely fast on the uptake. Why should you combine a complex mixture of processing equipment, instruments, test fixtures, automation, load simulators, data acquisition and software while using the critical time of your very best and most talented people when we specialize in precisely this type of work? We design, integrate and manufacture, component, assembly, and product testing and processing solutions.

In partnership with two major leaders in high-technology automation, three very capable machine shops, a custom cabling company, a rapid prototype circuit board fabrication house and two large automated sheet metal manufacturing facilities we offer custom process and test equipment designed and manufactured for convenience and precision. Each component of our systems is carefully considered to provide you with maximum performance consistent with easy maintainability and long term return on your investment.

We are expert in electronics, instrumentation, data acquisition, sensors, process control, communications, software, fluid mechanics, mechanisms, refrigeration, cryogenics, high vacuum, heat transfer, hydraulics, material handling, sheet metal, structures, electrical wiring, piping, motors, and automation. Using these skills, we provide a broad range of possible technologies you can apply to your needs.

We use the latest tools including AutoCAD and AutoDesk Inventor, a 3D package, to design and package your system.

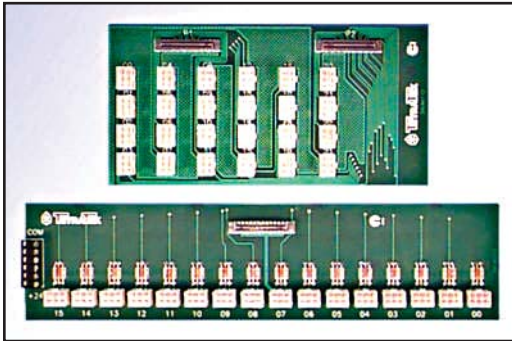
We invite you to request a free analysis of your needs.





TetraTek TestKing Systems

Product Fixturing and Monitoring



In addition to complete systems, we provide the accessories you need to conveniently power, connect, load and monitor your products.

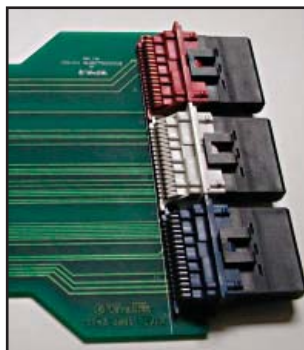
As part of our service, we design and manufacture the custom items and components necessary to optimize your testing experience.

Some of the items we commonly create are listed here to act as a check list when you are thinking about your own testing needs.



Accessory Check List:

- ❖ Product specific electrical and fluid connectors and adapters.
- ❖ Insulated wall feedthroughs and extender boards.
- ❖ Mother boards.
- ❖ Distribution circuit boards with Molex to product pendants.
- ❖ Power supply terminal strip distribution panels.
- ❖ Environmentally rated stainless steel and aluminum card cages.
- ❖ 3-Axis vibration, compression type, card cages and fixtures.
- ❖ Test fixture carriers with hydraulic or electric lifts.
- ❖ Product connector insertion and retraction fixtures.
- ❖ Environmentally rated roll-in product test racks.
- ❖ Product passive and dynamic load simulation boards.
- ❖ Product monitoring electronics.
- ❖ Automatic product loading and unloading equipment.
- ❖ Acoustic, thermal and safety protection enclosures.
- ❖ Product mounting and clamping platforms.
- ❖ Power supplies and bus bars.





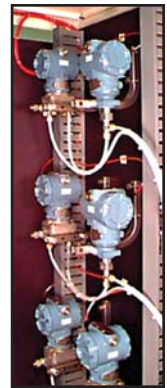
TetraTek TestKing Systems

Customized to Your Exact Needs

As part of your testing team, we can provide you with complete testing facilities, project management, or the engineering necessary to allow you to do the work yourself.

These systems can include:

- ❖ Data acquisition systems.
- ❖ VXI Bus and PXI Bus instruments.
- ❖ Programmable logic controls (PLC's) and software.
- ❖ Human-machine interfaces (HMI).
- ❖ Data and process communications networks.
- ❖ Power wiring and switching equipment.
- ❖ Pressure, flow, temperature, and humidity sensors.
- ❖ Power and current sensing instruments.
- ❖ Single stage and cascade refrigeration systems.
- ❖ Liquid Nitrogen cooling systems.
- ❖ Electric heaters and blankets.
- ❖ Fluid pumps and circulating equipment.
- ❖ Roughing pumps and high vacuum pumps.
- ❖ Vision systems, cameras, and position sensors.
- ❖ Filters and separators.
- ❖ Blowers and fans.
- ❖ Vapor and steam generators.
- ❖ Variable speed drives and motor controls.
- ❖ Heat exchangers and pressure vessels.
- ❖ Recirculating and compressed air desiccant driers.
- ❖ Mechanisms.
- ❖ Copper, stainless steel and plastic piping.
- ❖ Programmers, timers, and process controllers.
- ❖ Pneumatic positioning systems.
- ❖ Automatic flow control valves and modulators.
- ❖ Hydraulic pumping systems.
- ❖ Industrial rated personal computers and software.
- ❖ Control consoles and panels.
- ❖ Stainless steel, aluminum and painted steel enclosures.
- ❖ Extruded aluminum rapid assembly structures
- ❖ Insulated structures.
- ❖ Oscilloscopes and random signal generators.
- ❖ Recorders.
- ❖ Cartesian and Scara robots.
- ❖ Stepper and servo motors and controls.



Information and Quotations from TetraTek:

For additional information, you may wish to review our Industrial Equipment web site <http://www.tetratekproducts.com>.

We are happy to share our expertise with you. Quotations are prepared promptly based upon your specific needs. We also supply budget information for future planning purposes. If you need advice on a current or upcoming project, please contact us. In most cases, there is no charge.