

Automated Testing

Electronics, Motor drives, Actuators, Prosthetics, Anything!



Automated Test Equipment

Manufacture, Test, Create Pass or Fail Reports.

For very high volume manufacturing, we offer full turnkey solution to batch test products via automated test equipment running National Instruments Labview and Teststand sequencer. Our solution automatically determines pass/fail results based on acceptance testing procedure and populates test reports. Our offer covers all aspects of the design and development involved to test your products. Accordingly, we work closely to build mechanical framework, machine safety circuits, instrumentation and write Labview/Teststand code that best fits with your requirement specifications.

1

SAFETY

Operator safety and design up to SIL 3

2

MECHANICAL

Manufacturing in line with British Standards BSI

3

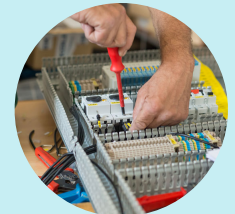
AUTOMATED CONTROL

Labview Software development to automatically run all tests



Consultation

We are trusted to bring inventive solutions to complex technical challenges



System Integration

Our solutions range from hand-held systems to full turnkey solutions.



Support

Ioteach staff and Thames Community are available if needed. Please visit our website for more information.

Product data sheet

Deployment as desktop, laptop or industrial control panel installation for all environmental and climatic conditions.

- CAD design for electrical circuits, wiring schedules, Bill of material. We have skills and experience to specify required sensors, motors, harnesses, operator interfaces to build automated test solution for your product.
- We use National Instruments hardware PXI, CompactRIO, CompactDAQ to build test solutions. We program hardware and write code in Labview and Test-stand.
- We also supply Environmental Chambers if your product is required to be tested under certain conditions e.g extreme temperatures, pressures, radiations etc.
- Our universal solution is compatible with third party instruments e.g DMM, Oscilloscopes, Programmable resistors and so on using traditional buses-USB, Serial, WIFI- without requirement to program mating software drivers or firmwares.



Order Procedure

You are entitled to receive full design and engineering consultation service using our Consultation Package. Proceed and click Add to Cart to make swift payment online. We would follow up with Requirement Questionnaire that we send to email address registered with us. Our engineers review your submitted response and then call you or email back with full design architecture including all components-hardware and software. Your would also receive estimate quotation for Automated Test Equipment to meet your objectives. We are available via email and phone so please do not hesitate to contact us should assistance is required with your order. We look forward to working with you.

FURTHER INFORMATION

Website: <https://www.ioteach.co.uk>

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