

Testsystems | Testconceptions

Customized test strategies for validation and manufacturing

Test systems are part of every production process to ensure product quality and process flows. Our specialists have the highest level of experience and know-how to implement the equipment required for this.

Individual test solutions for series production

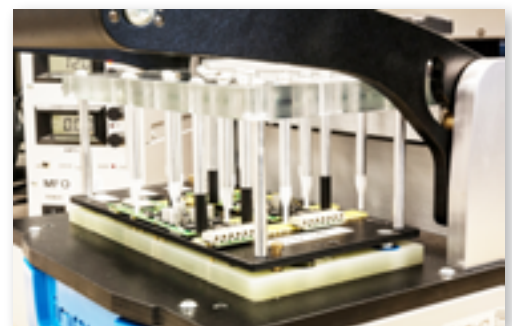
We develop, design and build automatic test and inspection systems for you, modular expandable test facilities with standard measuring devices, stand-alone and inline testers. We offer user training, on-site and maintenance service.

Our experience is cross-industry in electronics and automotive industry, photovoltaics, telecommunication and solar technology.



Our offer - your benefit

- Test adapter
- Function tester
- universal test systems
- inline test automats
- Software
- for production, functional and final tests of specific assemblies
- for automotive, telecommunication, electronics and
- solar industry



From simple adapters to complex inline testing machines

Test adapter

- 3D design and measuring point planning
- removal and wiring of manual, pneumatic, vacuum and HF test adapters
- single and double sided contacting
- special positioning of assemblies without centering holes
- contacting at THT, test points, high current pads and HF contact areas
- automated triggering of probes and jumpers
- automated optical testing of LEDs
- connector contacting on assemblies (USB, RJ45, D-SUB etc.)



Inline-RF-Prüfsystem für ZigBee-Funkmodule

Function tester

- Implementation of project-specific requirements
- Creation of an individual test concept
- Circuit design
- Cost efficiency for small series



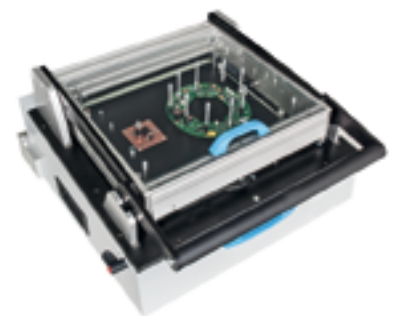
Universelles Testsystem mit Adapter

Universal test systems

- Use of calibrated standard measurement technology
- particularly suitable for product groups with similar requirements
- high degree of automation and reliability
- easy to modify
- test specimen specific hardware in interchangeable adapter
- cost efficiency for medium and high quantities

Inline testing machines

- can be integrated into existing lines
- Extremely long service life and thus low failure probability of the machines
- logging and traceability of the individual assemblies
- Cost efficiency with very high quantities and
- particularly high demands on test quality
- Robot-supported handling



Testadapter in der Erprobungsphase

We develop the appropriate software for semi-automatic or fully automatic test sequences, for boundary scan, for image evaluation and machine control. We program for soft PLC (especially for inline automats) and support traceability. For this purpose, we use such programs as LabWindows™/CVI, LabView and TestStand.



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