

INDIVIDUAL TESTING TECHNOLOGY

Leitec Test Solutions GmbH is your expert and reliable partner in the field of modern testing technology. In direct customer contact, we offer you products, service and complete services that are precisely tailored to your needs and requirements.

We are a recognised manufacturer of testing technology for the electrical testing of assembled printed circuit boards and electronic assemblies. Our scope of services includes the design, mechanical production, assembly, wiring and functional testing of the products.

**ECONOMIC.
RELIABLE.
FAST.**

INNOVATIVE. ENGAGED. RELIABLE.

We plan, design and manufacture your products here in Weil im Schönbuch, Baden-Württemberg. Due to our large vertical range of manufacture, we are also able to respond flexibly and at short notice to your wishes, to offer individual testing technology and to manufacture it directly at our site.

Product quality is crucial - this is more true today than ever before in view of increasingly complex electronic assemblies and test requirements. That is why it is a matter of course for us to supply only high-quality and innovative products. Creative knowledge, technical know-how and modern design and manufacturing equipment support us in this.

INDIVIDUALLY TAILORED TO YOUR NEEDS.



LEITEC TEST SOLUTIONS GMBH

Weil im Schönbuch

Carl-Zeiss-Straße 5/1
71093 Weil im Schönbuch
+49 7031 7460-0
info@leitec.info
Germany

www.leitec.info

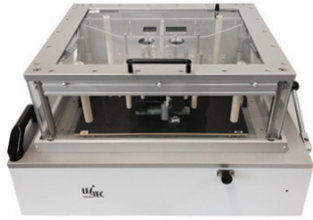


LEITEC TEST SOLUTIONS

- ✓ MECHANICAL FIXTURE
- ✓ VACUUM FIXTURE
- ✓ SPECIAL CONSTRUCTION

MECHANICAL FIXTURE

FOR ALMOST ALL
AREAS OF APPLICATION



From simple contacting to stable test equipment suitable for series production in your production.

The mechanical fixture is always used when the medium Vacuum is not available, the quantities are in the small to medium range, fast, cost-optimised exchangeable fixtures but also complex stand alone fixtures are to be used for functional tests as well as end-of-line testing.

Technologies and specifications:

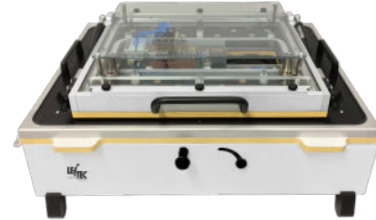
- Usable areas from 100 x 100 mm up to 550 x 450 mm
- Standard working stroke 14 mm
- Drives: mechanical or pneumatic via toggle levers or link guides
- Back panel configurations can be customised for your test system
- Exchangeable system or stand alone fixture
- The interface between the exchangeable fixture and your test system is made via an external FamilyBox lying lifting beam
- Interface for up to 10 interface blocks
- Safety concept for tests > 25 V AC / > 60 V DC

Areas of application:

- Simple contacting in the laboratory
- All requirements in the area of function and end-of-line testing at the level of the flat module
- Many requirements in the area of functional and end-of-line testing at the level of electronics already installed in the enclosure
- Applications for high current and high voltage testing

VACUUM FIXTURE

FOR COMMON
TEST SYSTEMS



The ideal system for in-circuit and functional testing.

The contact force and speed generated by the vacuum offers the possibility to realise fast cycle changes and to reliably test assemblies with high density and a high number of test points. Even large area assemblies can be reliably tested at any time. The technology is particularly suitable for assemblies in medium to high quantities and has been developed for series operation.

Technologies and specifications:

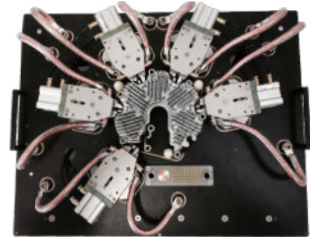
- Single and double-sided contacting
- Structure with vacuum-free zone
- Contacting in conventional spring contact or Fine-Pitch rigid needle technology
- 1-stage contacting (single stage)
- 2-stage contacting (dual stage), can be used on one or both sides
- Multi-stage contacting with mechanical or pneumatic actuator
- Vertical vacuum bonnet for high components up to 100 mm

Systems:

- Digitaltest
- Keysight
- Teradyne
- Block fixture for Pylon, VPC interface u.v.m.
- SPEA
- Exchangeable fixtures for Ingun and ATX Systems

SPECIAL CONSTRUCTION

FOR TESTING TECHNOLOGY -
WE MAKE IT POSSIBLE



Special construction for your testing technology

Special construction for testing technology is the „creative playground“ for your products and requirements. We project, design and build your test equipment and test systems beyond the known standard applications. Our experience in fixture construction are manifold. We have a large number of projects from the past that may also cover your requirements.

Our project team of design engineers and test technicians will be happy to advise you and also develop your customised test device or test system together with you.

Areas of application:

- Applications of end-of-line tests as well as functional tests
- From prototype to series production

Systems:

- Manual or pneumatic drawer systems
- Hand fixture for the quick end-of-line test
- Continuous (inline) test systems with changeover fixture for product changeover
- Mechanical or pneumatically driven turntable testers
- Individual test fixtures for high current and high temperature testing
- High current clamps for up to 150 A
- Removal of 19" racks for functional testing
- Individual throughput systems in the line with product shuttle