



PRESS REPORT

Cost and time-saving Test Fixtures due to simultaneous processing of two DUTs

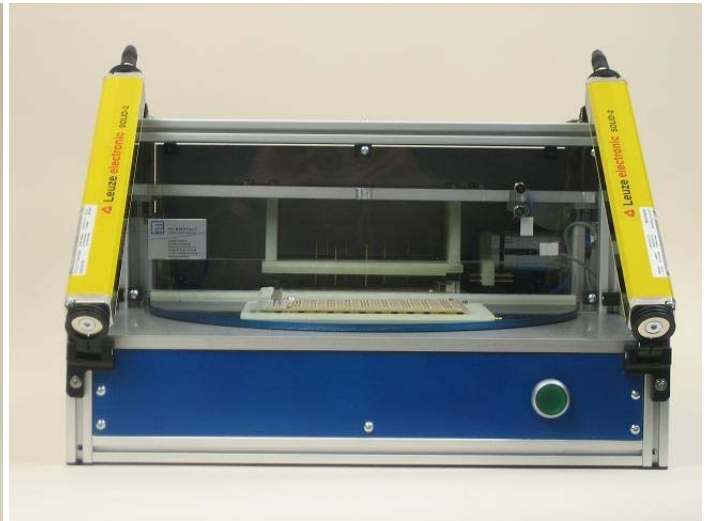
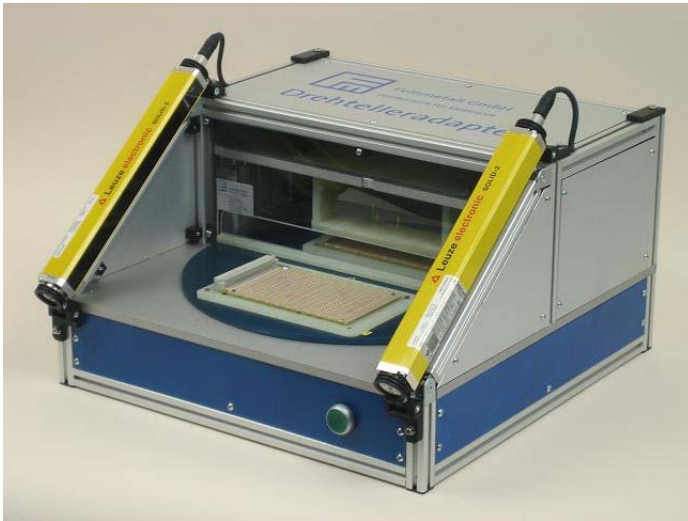
Pneumatic Revolving Plate Test Fixtures allows optimal rotating of Boards

Herrenberg, 28.05.2008 –

Pneumatic test-fixtures play an important role in the testing and measuring technology. They contact the DUT and the electronic measuring equipment electrically by implementing spring contact probes. In this segment FEINMETALL has designed and developed a new revolving plate test fixture, which is not only capable for functional test, but also includes other important features. The pneumatically operated Revolving Plate Test Fixtures allows testing and handling of two printed circuit boards or components simultaneously. Due to the compact modular design the contacting can not only be effected from the top, but optionally also from the bottom or laterally. Both the active areas have each a dimension of 160 x 100 mm, with variable contacting sets. While a circuit board is tested on one half of the revolving plate, the second DUT can be placed on the other half. This has a clear advantage of reduced handling time and providing a significant higher performance in comparison to standard fixtures. Due to the separated placement and test areas unintentional contacts are avoided. An integrated light curtain in the placing area shields possible damages or injuries to the operator by immediately stopping the revolving plate. The Revolving Plate Test Fixture can be connected to customer specific In – Circuit Test (ICT) systems with an interface. The integrated SPS allows thereby a direct

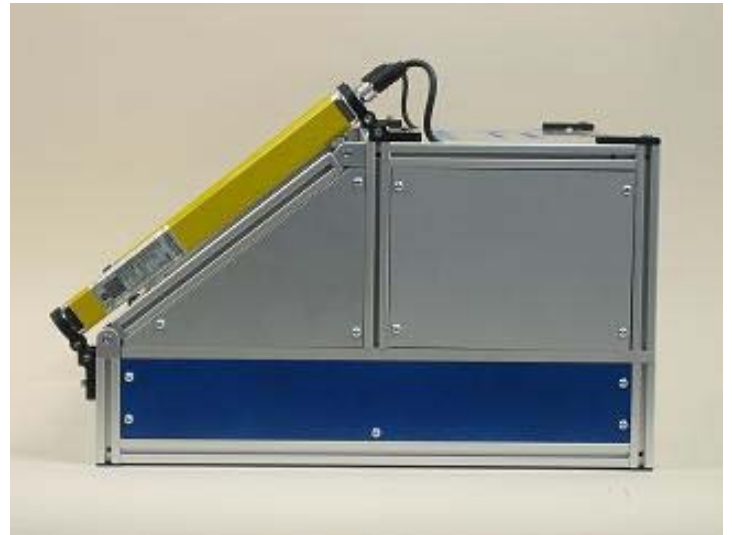


communication with the ICT. We also offer complete solutions in collaboration with qualified partners.



Technical Specifications:

- Pneumatically operated test fixture
- Active area 160 x 100 mm
- Interchangeable contact cartridges
- Top, Bottom and Lateral contacting
- Max. component height Topside: 30 mm, Bottom side: 9 mm
- External interface VG – connectors (DIN 41612) or any other connector
- Can be designed for ICT- Test systems using interface
- Integrated SPS, optional communication with the test system (start signal, test good/bad)
- Light curtain as security element
- Dimensions: 450 x 450 x 260 mm (L x B x H)





About FEINMETALL GmbH:

FEINMETALL was established in 1964 in Herrenberg and has specialised in the field of precision engineering and micro-mechanical contact technology. The product portfolio ranges from probe cards for semiconductor wafer test to interfaces for test systems, fixtures for ICT- and functional tests including an extensive programme of spring contact probes. The products are designed and developed for applications in the electronic industries, in the automotive industries and in industry with proximity to the automobile sector. Currently there are 245 employees in the headquarters and 60 employees in one of the subsidiaries – in the Czech Republic. Worldwide there are three further subsidiaries (Taiwan, Singapore and USA), as well as partners and distributors in 37 countries across the globe. Mr. Wolfgang Buerkle is the Managing Director of the concern since 1997.

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