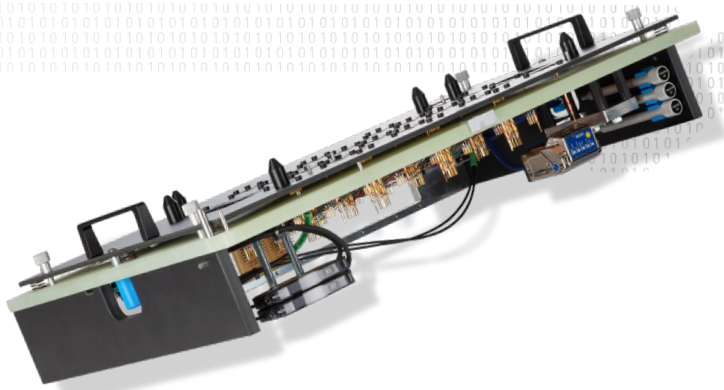


ProMik Fixture

Customized test adapter for a precise, safe and reproducible contacting of electronics



Exemplary illustration of a fixture probe plate unit

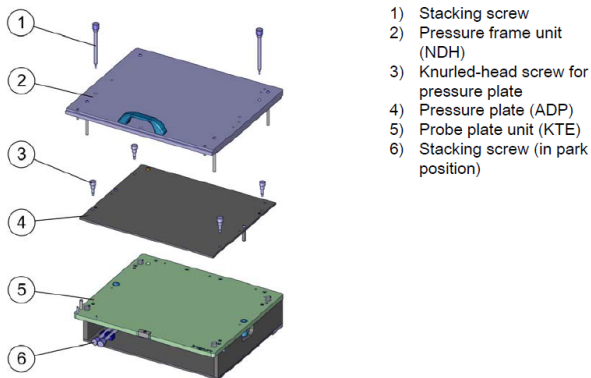


Exemplary illustration



Fixture

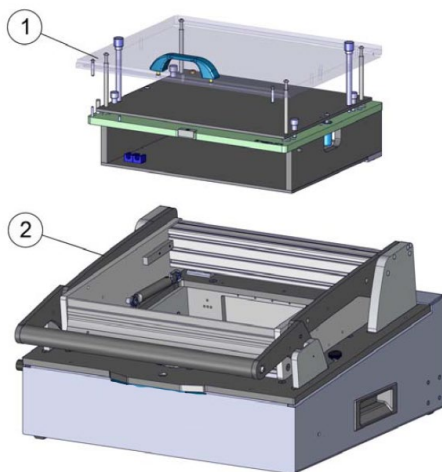
Device description



The exchangeable fixture consist of the probe plate unit and the pressure frame unit. The probe plate unit includes the pressure plate (4), the probe plate (5), the wiring protection plate (6) and an internal interface that is modularly loaded with interface blocks, as required.

The pressure frame unit includes the pressure frame unit plate (2) and the leading pushrod.

For storage or transport, the probe plate unit and the pressure frame unit can be firmly screwed together with stacking screws to form a unit with a protected probe field.



Exchangeable fixture (1) are inserted into test adapter (2) or stations.

Overview

Customized fixture for contacting and testing of printed circuit boards in electronic manufacturing.

Key Feature

- Fixtures can be changed quickly, without tools and readjustment
- Highest signal integrity
- Plug & Play fixtures for production
- Fixture built and tested according to ESD guidelines (ESD certificate)
- Special equipment: PCB-sensor, barcode reader, stroke counter, optical led indicator, etc.
- Strain Gauge Analysis
- Finite Element Analysis

Technical data

Contacting

- Single-sided contacting
- Double-sided contacting
- 2-stage contacting
- Lateral contacting (e.g. for connectors)
- Housed assemblies contacting
- Down to 50mil contacting
- Test pad diameter down to 0.5 mm

Dimensions

- Outer fixture dimensions up to 506 x 383 x 207 mm
- Usable area for PCB/Panel up to 430 x 310 mm

Interface data

- max.10 internal interface blocks
- max. 1700 interface signals

Operating temperature range

- Temperature min. + 10 °C
- Temperature max. + 60 °C