

INGUN Additional Contacting Unit for Vacuum Test Fixtures: compact and accurate

With the compact Additional Contacting Unit for Vacuum Test Fixtures - assembled on the Top Plate – accurate double-sided contacting of loaded PC-Boards is possible. The main features of this product model are the light weight, the easy usage and the ergonomic design.

The characteristic parallel stroke of 10 mm ensures that the Test Probes always move vertical to the Test Points. Due to the floating mounted Probe Plate, which is guided during the stroke movement with at least three high-precision centring pins, a very high contacting accuracy is achieved.

The guiding of the hinged Additional Contacting Unit is carried out manually and is supported by gas struts, which are assembled on both sides. The opening angle is almost 90°. The sealing lips around the outside of the Unit mean that customized sealing of the PC-Board is not necessary. A knurled screw, which is secured against loss, ensures transport safety.

The Test Fixtures are available in ICT-and FCT-versions. The FCT-version (2-Stage) is based on a shuttle plate electro-drive design.

Technical Data (*):

Parallel Stroke:	10 mm
Opening Angle:	approx. 90°
Installation Height of Probes:	10.5 mm
Working Stroke of Probes:	4.3 mm

Max. component height on the top (component) side of the PCB:

- without machining of the Probe Plate	≤ 5,0 mm
- with machining of the Probe Plate	≤ 15,0 mm

Transfer Probes:

Probe Plate - „Top“:	KT-254 W3 E12
Probe Plate - „Bottom“:	KS-100 47 G
Probe Plate - „Bottom“:	GKS-100 307 150 A 2000

*: Dimensions under laboratory conditions. Dimensions with height of Probe Support Pin (PAS) = 2.8 mm and thickness of PCB = 2.0 mm



Photos: Vacuum Fixture customized with ZSK 2030-ADP

Prices and delivery times on request.
Technical changes possible.

Please contact us for further information.

Product Variants:

	Standard	Standard	Standard	Special (Dual stage)
Name:	ZSK 2030-ADP	ZSK 2040-ADP	ZSK 2070-ADP	ZSK 2171-ADP
Usable Area (X x Y):	234 x 160 mm	324 x 280 mm	189 x 290 mm	100 x 260 mm
Precision Guides:	3	4	4	3
Part No.:	25218	25230	25235	25269