

Vacuum test fixture

VA 3070S-2e/i3070

Item 115193



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Partner for Future Technology

- Vacuum test fixture with parallel lifting vacuum cassette
- Incl. fixture interface for Keysight-Testsystem i3070
- Incl. Alum-A transport handles
- Robust, maintenance-friendly design with outstanding service life
- Increased ease of use thanks to simple, intuitive handling
- For the assembly of items delivered unassembled, Refer to the drawings of the items specified in the parts list to assemble items

Application

Typical service life of tip is approximately 25,000 load cycles (laboratory conditions)

Version

- Probe plate made of 14 mm thick, deflection-resistant FR4
- Moving plate made of 8 mm thick FR3 with ESD-conductive surface
- Trusted, durable INGUN vacuum seals
- Incl. Alum-A transport handles
- Extensive perforations on the housing and plastic cover for mounting of optionally available stroke counters
- Optionally available locking units to secure the pressure plate

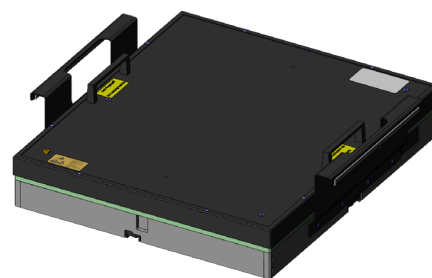
Delivery

The fixture must be assembled upon delivery. This enables immediate DUT-specific machining. Refer to the drawings of the components specified in the part lists to assemble these correctly.

General data

Test system interface:	Keysight i3070, small
Product group:	Vacuum test fixture (VA)
Main series:	VA xxxx
Subseries:	VA 30xx
Series:	VA 3070S
Size:	xx70S
Test fixture type:	Small stand-alone fixture, Keysight
Contact stroke generation:	Vacuum
Housing type:	Flat housing
Max. interface signals:	0
Interface blocks required:	No
Max. internal interface blocks:	0
Contacting direction:	ICT/FCT bottom
Max. contact force:	13,000 N [46,760 ozf]
Approx. parallel contact stroke:	12 mm [.472 in]
Weight:	19.9 kg [43.8 lbs]
Min. temperature:	10 °C [50 °F]
Max. temperature:	60 °C [140 °F]
Low voltage:	No
ESD-compliant:	No
RoHS-compliant:	Yes

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Note:

Customising guidelines INFO 4677 should be used for the professional customisation of vacuum test fixtures. Refer to customising guidelines INFO 4675 for the professional customisation of the keep-out zones.

Note:

The positions in the area L004/L008:S11/S30 and L232/L236:S49/S68 cannot be fitted with transfer pins due to the design of the intake ducts.

Technical data

Test probe installation height, bottom:	16 mm [.629 in]
Test probe installation height, dual-stage, bottom:	21.5 mm [.846 in]
Standard version:	Yes
ESD version:	No
Radio frequency version:	No
Rigid pin version:	No
Dual-stage version:	Yes
Useable area, dual-stage (WxD):	300 x 335 mm [11.8 x 13.1 in]
Additional contacting unit (ZSK), top:	Yes, with suitable additional option
Outer dimensions, closed (WxDxH):	478 x 460 x 117 mm [18.8 x 18.1 x 4.6 in]

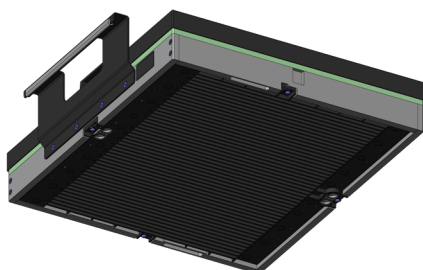
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Accessories

Part no.	Designation	Version	Compatible with
115385	FB-VER-ADP-VA3070	Locking unit moving plate	VA 3070 versions without top unit
45000	PP-INGUN-F	Personality pin	VA 3070S/ST/L/LT versions
116613	EHZ-08-R-11-TR	Electric stroke counter	VA 3070S/ST/L/LT versions
11224	EHZ-08-R-49-OM	Electric stroke counter	VA 3070S/ST/L/LT versions
34865	EHZ-08-R-32-HE	Electric stroke counter	VA 3070S/ST/L/LT versions
1571	FED-10,0-16,0-97N-09,0	Pressure spring	VA 3070 single-stage versions (ICT)
1581	FED-10,0-21,5-100N-09,7	Pressure spring	VA 3070 dual-stage versions (ICT/FCT)
2579	HBS-01,0-10,0	Stroke-limiting disk	VA 3070 single-stage versions (ICT)
11890	HBS-05,0-07,0	Stroke-limiting disk	VA 3070 dual-stage versions (ICT/FCT)

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