

Interchangeable kit

WS KEYSIGHT/i3070-5i/4M

Item 109831-KIT



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- Inline interchangeable kit for Keysight Test system i3070/5i/4 module
- Precise, reliable contacting with peRFectly configured guides
- Modular design with bottom interchangeable kit (WSU) and top interchangeable kit (WSO)
- Robust, durable design with outstanding service life

Application

The inline interchangeable kit WS KEYSIGHT/i3070-5i/4M is used for the reliable ICT and/or FCT testing in the in-circuit test system i3070-5i/4 module from Keysight. It has a 14 mm thick bottom probe plate, and a 20 mm thick top deflection-resistant probe plate made of FR4 and an 8 mm thick ESD-compatible, precision-guided moving plate made of FR3. The interchangeable kit includes a fully equipped interface in the top interchangeable kit and an unpopulated interface in the bottom interchangeable kit.

Special features

Classic short-wire wiring with personality pins.

- Guide pillars (round) and guide bushes for top interchangeable kit (WSO) and bottom interchangeable kit (WSU)

Includes 4 x guide pins and guide bushes for moving plate (ADP).

Incl. 1x coding block for WSO, fully equipped with 48x KT-254 W3 E02.

Centring compensation

The centring range between WSO and WSU is ± 2 mm

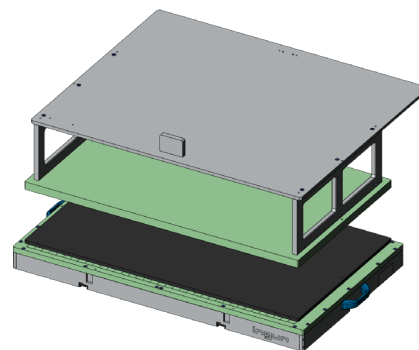
Centring compensation from ADP to KTP is ± 0.075 mm.

Delivery

The kit must be assembled upon delivery and includes guide components, pressure springs, collar screws, four push rods (D10x20 mm), twelve additional supports (D10x146 mm), and an unpopulated test system interface.

General data

Product group:	Inline interchangeable kit (WS)	
Subseries:		
Series:		
Version:	With interface	
Scope of delivery:	Unassembled	
Max. interface signals:	7.332	
Interface blocks required:	No	
Dual-stage contacting:	Yes	
Double-sided contact:	Yes	
Weight:	42.6 kg [93.9 lbs]	
Min. temperature:	10 °C [50 °F]	
Max. temperature:	45 °C [113 °F]	
Low voltage:	No	
RoHS-compliant:	Yes	



Test system interface

The unpopulated test system interface is populated with separately available personality pins (part 45000).

Note:

Customising guidelines INFO 4532 should be used for the professional customisation of inline interchangeable kits. Refer to customising guidelines INFO 4545 for the customisation of the optional moving plate enable top-side contacting.

Note:

The guide pillars and guide bushes for WSO/WSU should be replaced after approximately 750,000 load cycles or 0.1 mm wear to ensure a consistently high contact quality.

Compatible with

Test systems:

Technical data

Pushrod length:	20 mm [.787 in]
Test probe installation height, top:	16 mm [.629 in]
Test probe installation height, bottom:	16 mm [.629 in]
Test probe installation height, dual-stage, bottom:	21.5 mm [.846 in]
Free space above PCB:	11 mm [.433 in]
Useable area (WxD):	704 x 426 mm [27.7 x 16.7 in]
Outer dimensionS (WxDxH):	817 x 626 x 298 mm [32.1 x 24.6 x 11.7 in]

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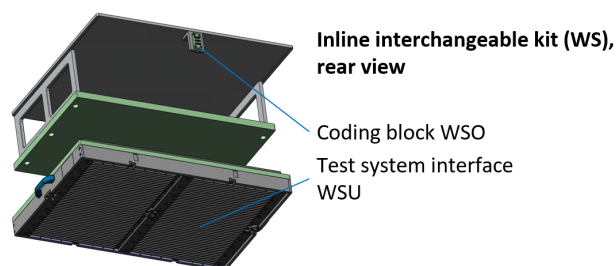
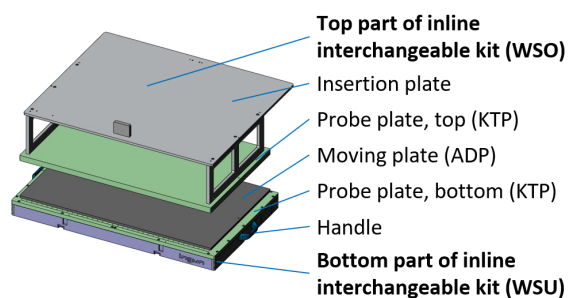
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Accessories

Part no.	Designation	Version
Accessories		
110006	FB-ADP-TOP-WS-i3070-5i-4M	Moving plate for contacting from top including guides (FR3, ESD-compatible, 8 mm thick)
109904	MAP WSU/KEYSIGHT/i3070-5i/4M	Ground plate for bottom part of interchangeable kit (FR2, copper layer on one side)
110465	ETK-FUS-12-72-ST-M4	Spare part kit: guide pillars (round) and guide bushes for WSO/WSU

INGUN Prüfmittelbau GmbH

Max-Stromeyer-Straße 162
78467, Constance, Germany
Phone +49 7531 8105-0
Customer hotline +49 7531 8105-888
Fax +49 7531 8105-65
info@ingun.com



Prices and delivery times on request.
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