

Manual test fixture MA 2113/SPEA 3030

Item 32701



GO TO PRODUCT

ingun[®]
Partner for Future Technology

- Manual test fixtures with parallel closing drive mechanism for testing medium PCB quantities with the highest quality and precision
- Interchangeable test fixtures with and without pre-configured test system interface
- Standard, ESD, and RF exchangeable kits that can be installed without tools and used without readjustment
- Modularly configurable signal transmission using interface blocks, which can be quickly detached
- Detailed accompanying documents (e.g., customising guidelines)
- Maximum opening angle may vary due to the length tolerance of +/- 2 mm of the gas spring



Note:

By replacing the gas springs, an additional weight of 3 kg can be loaded onto the pressure frame for every 100 N increase.

Manual test fixture MA 2113/SPEA 3030

Item 32701



GO TO PRODUCT

ingun[®]
Partner for Future Technology

General data

Test system interface: SPEA 3030
Product group: Manual test fixtures (MA)
Main series: MA xxxx
Subseries: MA 21xx
Series: MA 2113
Size: xx13
Test fixture type: Exchangeable test fixture
Contact stroke generation: Manual
Housing type: Without housing
Max. interface signals: 1700
Interface blocks required: Test system side
Max. internal interface blocks: 10
Contacting direction: Single-sided (bottom)
Max. contact force: 2,000 N [7,193 ozf]
Approx. parallel contact stroke: 15 mm [.59 in]
Min. temperature: 10 °C [50 °F]
Max. temperature: 60 °C [140 °F]
Low voltage: Yes, with suitable additional option
ESD-compliant: <p>Yes, with compatible exchangeable kit</p>
RoHS-compliant: Yes

Technical data

Test probe installation height, top: 16 mm [.629 in]
Test probe installation height, bottom: 10.5 mm [.413 in]
Test probe installation height, dual-stage, bottom: 16 mm [.629 in]
Free space above PCB: 58 mm [2.28 in]
Force of gas pressure springs: 400 N (L: 200 N / R: 200 N)
Pressure frame opening angle: 69 °
Standard version: <p>Yes, with compatible exchangeable kit</p>
Useable area, standard (WxD): 440 x 310 mm [17.3 x 12.2 in]
ESD version: <p>Yes, with compatible exchangeable kit</p>
Useable area, ESD (WxD): 440 x 310 mm [17.3 x 12.2 in]
Radio frequency version: <p>Yes, with compatible exchangeable kit</p>
Useable area, radio frequency (WxD): 375 x 240 mm [14.7 x 9.44 in]
Rigid pin version: No
Dual-stage version: <p>Yes, with compatible additional option</p>
Useable area, dual-stage (WxD): 440 x 310 mm [17.3 x 12.2 in]
Additional contacting unit (ZSK), top: Yes, with suitable additional option
Outer dimensions, open (WxDxH): 616 x 565 x 501 mm [24.2 x 22.2 x 19.7 in]
Outer dimensions, closed (WxDxH): 616 x 612 x 110 mm [24.2 x 24 x 4.33 in]

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.
Technical changes reserved. 12/25_GB

Learn more about
Manual test fixtures (MA)

