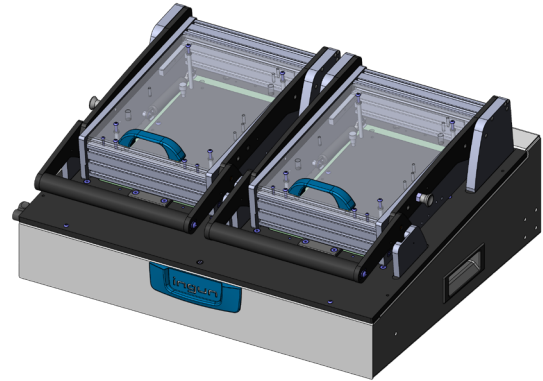




- Manual test fixtures with parallel closing drive mechanism for testing medium PCB quantities with the highest quality and precision
- Stand-alone test fixtures with and without pre-configured test system interface
- Integrated, non-exchangeable kits in standard, ESD and RF versions that can be used without readjustment
- Direct, hard-wired signal transmission
- 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 2013T/D/H

Item 100985



GO TO PRODUCT

ingun[®]

Partner for Future Technology

General data

Test system interface:	Not pre-wired
Product group:	Manual test fixtures (MA)
Main series:	MA xxxx
Subseries:	MA 20xx
Series:	MA 2013T
Size:	xx13T
Test fixture type:	Stand-alone test fixture
Contact stroke generation:	Manual
Housing type:	Desk housing
Max. interface signals:	1700
Interface blocks required:	No
Max. internal interface blocks:	0
Contacting direction:	Single-sided (bottom)
Max. contact force:	2,000 N [7,193 ozf]
Approx. parallel contact stroke:	15 mm [.59 in]
Weight:	22 kg [48.5 lbs]
Min. temperature:	10 °C [50 °F]
Max. temperature:	60 °C [140 °F]
Low voltage:	Yes, with suitable additional option
ESD-compliant:	No
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:	200 N (L: 100 N / R: 100 N)
Pressure frame opening angle:	69 °
Standard version:	Yes
Useable area, standard (WxD):	2 x 150 x 240 mm [.078 x 5.9 x 9.44 in]
ESD version:	No
Radio frequency version:	No
Rigid pin version:	No
Dual-stage version:	Yes, with compatible additional option
Useable area, dual-stage (WxD):	2 x 150 x 240 mm [.078 x 5.9 x 9.44 in]
Additional contacting unit (ZSK), top:	Yes, with suitable additional option
Outer dimensions, open (WxDxH):	647 x 533 x 591 mm [25.4 x 20.9 x 23.2 in]
Outer dimensions, closed (WxDxH):	647 x 533 x 270 mm [25.4 x 20.9 x 10.6 in]

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Prices and delivery times on request.
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Learn more about
Manual test fixtures (MA)



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MANUAL TEST FIXTURE