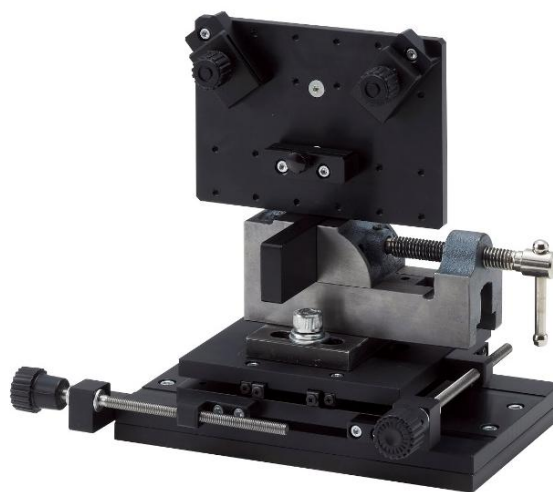


Alignment stage for solder joint strength test SJS-100N-L/S

- Stage for fixing a PCB for solder joint strength test
- The stage angle switchable to 45 or 90 degrees


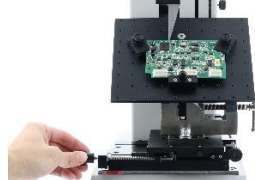
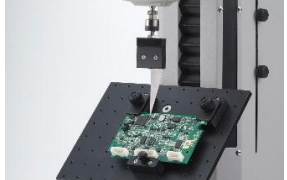


SJS-100N-L

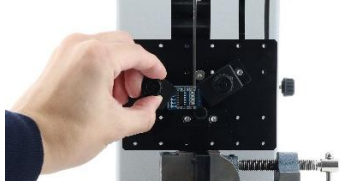
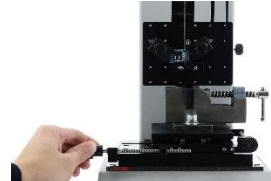



SJS-100N-S

How to Install the Test Sample (and SJS-1000N-L and SJ-QFP-01)

| Fix sample to SJS-1000N-L. | Adjust position of hook tip with XY stage. | Hook the soldered part to start testing. |
|---|---|---|
|  |  |  |


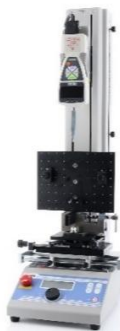

How to Install Test Sample (SJS-1000N-S and SJ-TIP-03)

| Fix sample to SJS-1000N-S. | Adjust position of jig tip with XY stage. | Push the soldered part with jig to start testing. |
|---|---|---|
|  |  |  |

| Specifications | | |
|-----------------------------|----------------------------------|----------------------------------|
| Use | For mounting large sample | For mounting small sample |
| Model | SJS-100N-L | SJS-100N-S |
| Capacity | 100N | |
| Dimension | Refer to the Dimension | |
| Weight *1 | Approx. 3.2kg | Approx. 2.8kg |
| Moving distance of XY stage | +/-30mm | |

*1Weight of the attachment is also applied as a load on the force gauge. Consider it when selecting the capacity of a force gauge.

* Two clampers and two knobs are included.





| Examples of Product Configuration SJ-QFP-01 | |
|--|---|
| <p>Example 1 Code: 1S2008A IEC 62137-1-1:2007 Surface mounting technology - Environmental and endurance test methods for surface mount solder joint - Part 1-1: Pull strength test (Corresponding part only) (Japanese Standards: JIS C 62137-1-1: 2010) (Corresponding part only) (For large sample)</p> <p>Digital force gauge: ZTS-100N Motorized test stand: EMX-500N-L Optional attachment: SJ-QFP-01 Optional attachment: SJS-100N-L Optional attachment: XST-500N Optional cable: CB-528 Optional software: Force Recorder Standard</p> |  <p>SJ-QFP-01 Example1 Image</p> |
| Examples of Product Configuration SJ-TIP-02 | |
| <p>Example 1 Code: 1S2009A JIS Z 3198-7: 2003 Test method for lead-free solders-Part 7: Method for shear strength of solder joints on chip components (Corresponding part only)</p> <p>Digital force gauge: ZTS-100N Motorized test stand: MX2-500N-L-V90 Optional attachment: SJ-TIP-02 Optional attachment: SJS-100N-L Optional attachment: XST-500N Optional cable: CB-528</p> |  <p>SJ-TIP-02 Example 1 Image</p> |
| Examples of Product Configuration SJ-TIP-03 | |
| <p>Example 1 Code: 1S2010A IEC 62137-1-2:2007 Surface mounting technology - Environmental and endurance test methods for surface mount solder joint - Part 1-2: Shear strength test (Corresponding part only) (Japanese Standards: JIS C 62137-1-2: 2010) (Corresponding part only) (For small sample and tip diameter is 2mm or less)</p> <p>Digital force gauge: ZTS-100N Motorized test stand: EMX-500N Optional attachment: SJ-TIP-03 Optional attachment: SJS-100N-S Optional cable: CB-528 Optional software: Force Recorder Standard</p> |  <p>SJ-TIP-03 Example 1 Image</p> |

* Refer to the specification of each product for the detail.



* Depending on the sample characteristics, product configuration, and measurement requirements vary, contact our authorized distributor or us for more information

* The maximum load value of the force gauge varies depending on the measuring sample requirements.

[PCB fixing stage, Sample Clamper and Knob] The parts below are also available for replacement.

| Model | Included Parts | Images | |
|------------------|-------------------------|---|---|
| SJ-BB-L | PCB fixing stage (L) |  | |
| SJ-BB-S | PCB fixing stage (S) |  | |
| SCK-PRT * | Sample Clamper and Knob |  SCK-PRT |  Installation image |

* This set of parts is sold in two pairs per order, not sold individually.

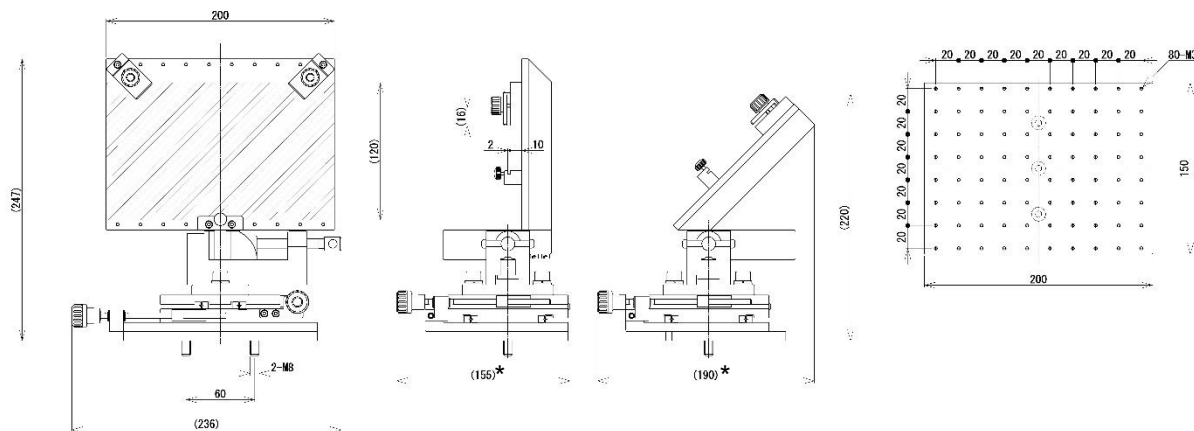
| Related Standards of Electronic Component | |
|---|--|
| Peeling test of embossed carrier tape which complies with corresponding part of IEC 60286-3 (2013) and JIS C0806-3 (2014) | Breaking strength test of cover tape which is a requirement of JIS C 0806-3 (2014) |
|  |  |
| Example Specialized tester: IPTS-5N | Example (*) Code: 1G2005A Digital force gauge: ZTS-200N Motorized test stand: MX2-500N-L Optional attachment: GC-60x2 Optional cable: CB-528 |

[Related Products]

| QFP lead hook SJ-QFP-01 | Chip shear jig SJ-TIP-01 | Chip shear jig SJ-TIP-02 |
|--|--|---|
| For 45-degree pull strength test of solder joints complying with the corresponding part of IEC and JIS standards | For 90-degree shear strength test of solder joints complying with the corresponding part of JIS standard Tip diameter: 0.25mm | For 90-degree shear strength test of solder joints complying with the corresponding part of JIS standard Tip diameter: 0.5mm |
|  |  |  |
| Chip shear jig SJ-TIP-03 | Chip shear jig SJ-TIP-04 | X-Axis slide table XST-500N |
| For 90-degree shear strength test of solder joints complying with the corresponding part of IEC and JIS standards Tip diameter: 2mm | For 90-degree shear strength test of solder joints complying with the corresponding part of IEC and JIS standards Tip diameter: 4mm | Designed to move and adjust the stage in the X-axis direction easily |
|  |  |  |
| Chip peel Fixture GT-10/20 | Small Grip SC-3/8 | Pantograph Grip PGC-0505 |
| Ideal for shear test of electric components (Capacity: 500N) | Ideal for measurement of thin samples and narrow space such as electronic component | Ideal for measurement in narrow spaces due to the thin chuck part |
|  |  |  |
| Peeling Tester IPTS-5N | | |
| Specialized for easy and precise peel test of embossed carrier tape | | |
|  | | |

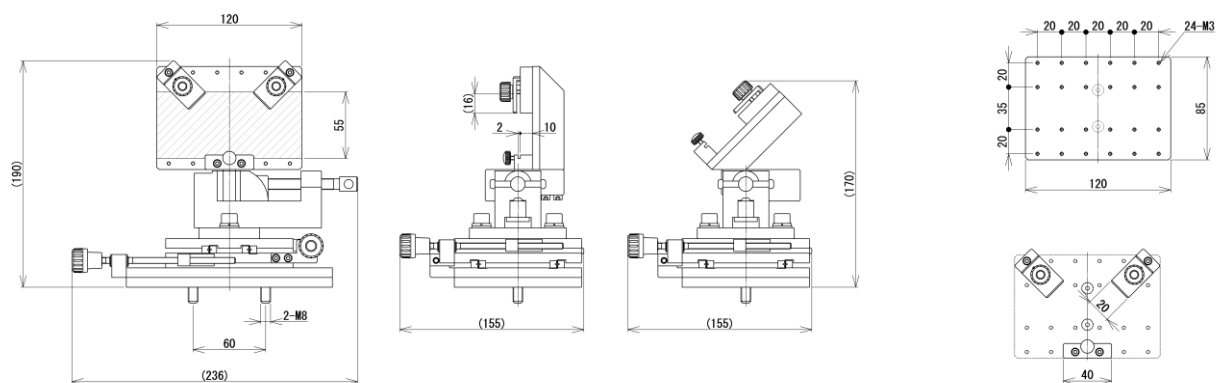
[Dimensions]

SJS-100N-L



* The depth depends on the grip position of board and Y-axis position of the stage. Contact us for further details.

SJS-100N-S



Unit : mm

[Cautions]

- The contents may be changed without prior notice.
- A force gauge (sold separately) is required to use this product.
- This product is designed for force testing only. Do not use it for any other purposes.
- Some samples may not be suitable to measure.
- Do not copy and use this content without authority.

SHRADDHA IMPEX
Authorized Distributor

Email: shraddhaimpex@gmail.com / sales@shraddhaimpex.net
Web: www.shraddhaimpex.net
Contact: +919819530352 / +918591279918


SHRADDHA IMPEX
Redefining Quality
Authorized Distributor