

TAC1000 Pressure-Sensitive Tack of Adhesive Test

TAC1000 is Pressure-Sensitive Tack of Adhesive Test equipment. TAC1000 is robust, renowned for its superior build quality and exceptional performance.

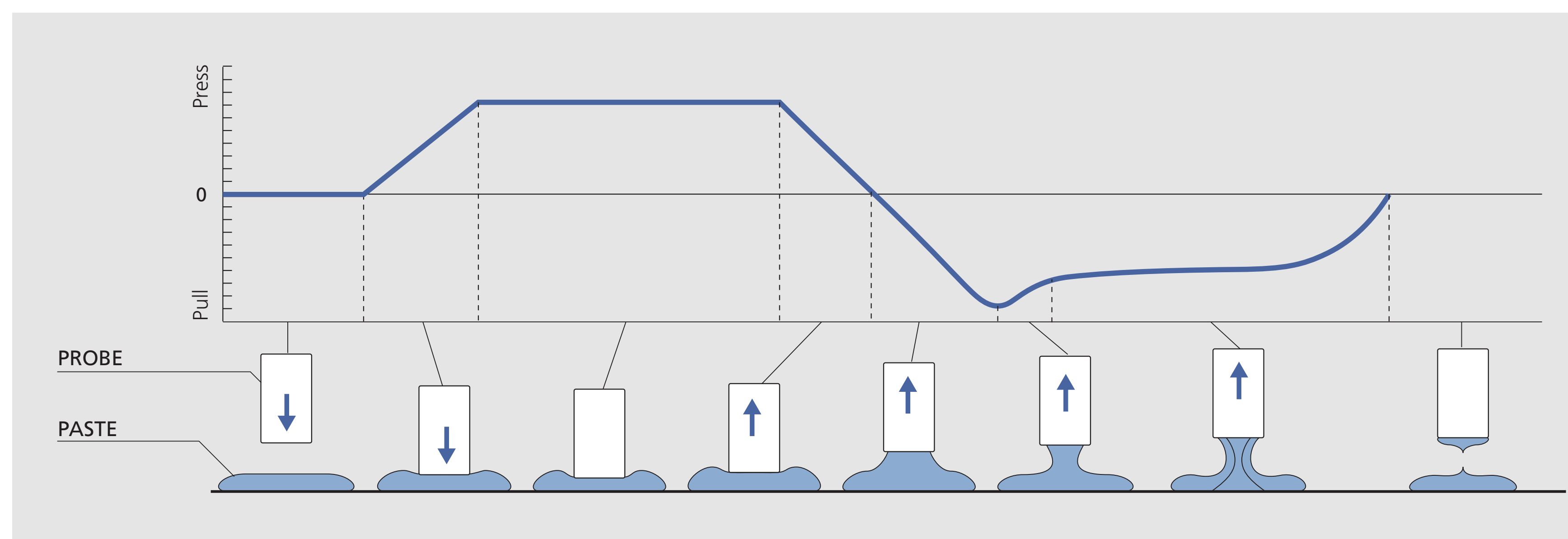
TAC1000 is second generation of our Pressure-Sensitive Tack of Adhesive Test equipment with function of our previous TAC2. TAC1000 has been designed to integrate with high performance and accuracy. TAC1000 is used our Bonding Tester platform using 100kg die shear test. Our new development represents versatile performance and good reliability.



Measures adhesion of solder paste, tape and other adhesive materials

This method is to measure the adhesive force by pressuring and separate the adhesive side of samples using the probe which is controlled (programmed) in a defined approaching speed, pressurization, duration and speed of pulling.

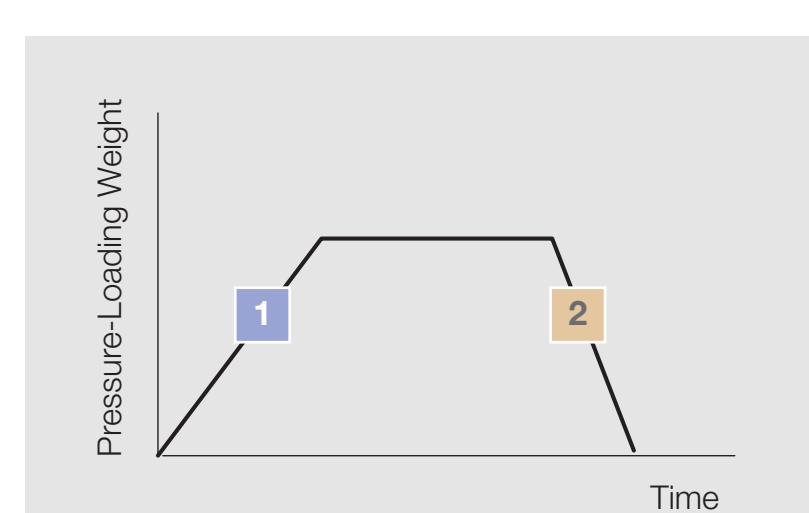
Test (Measurement) Procedure



- Place the sample on the stage and get the probe contact the adhesive side of the sample with the specified speed and pressure controlled by load and pressure.
- Separate the sample from the probe at the specified speed.
- Data is calculated as the force for the probe to get during pulling the sample away from the probe.

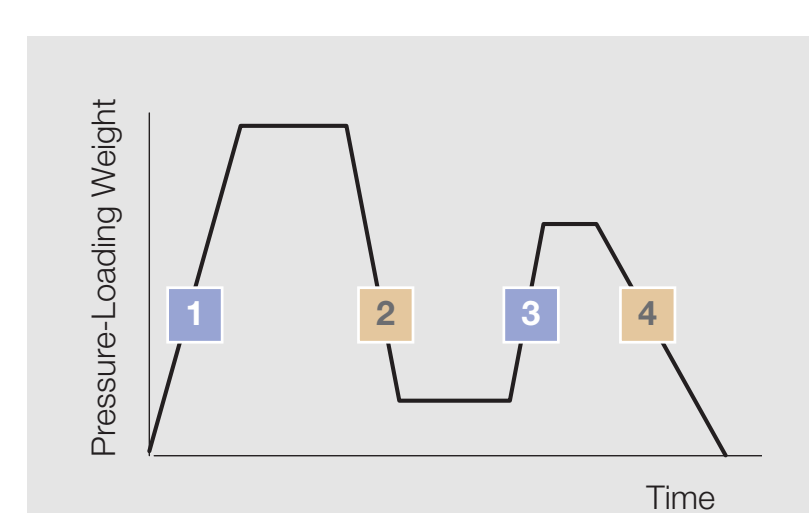
Pressurization Control

Pattern 1



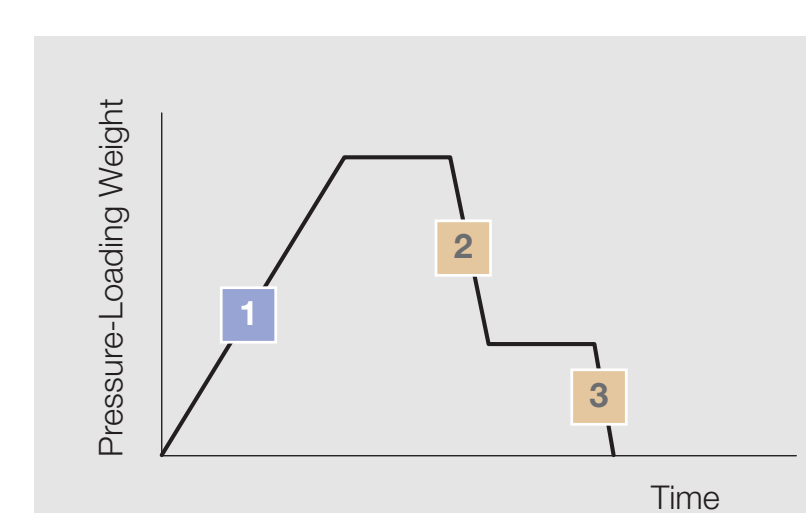
- 1 Pressure-Loading weight
- 2 Pull up

Pattern 2



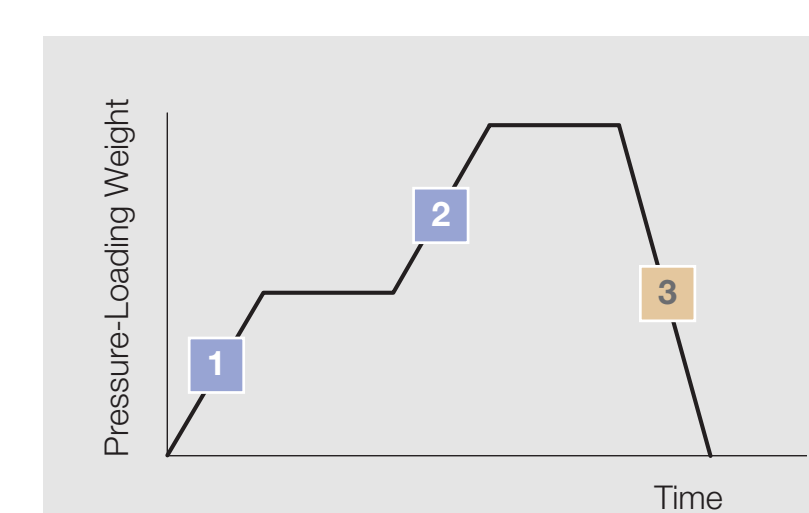
- 1 1st Pressure-Loading weight
- 2 Pull up
- 3 2nd Pressure-Loading weight
- 4 Pull up

Pattern 3



- 1 Pressure-Loading weight
- 2 1st pull up
- 3 2nd pull up

Pattern 4



- 1 1st Pressure-Loading weight
- 2 2nd Pressure-Loading weight
- 3 Pull up

Features

- 4 patterns of pressurization and 3 patterns of contact**
You can simulate your samples work.
- Measure in different temperature (option)**
We can control the temperature of the probe and sample stage respectively for more accurate sample evaluation (temperature).
- Compliant with domestic and international regulations as follows,**
 - IIW SC/IA-SP058
 - IPC SP-819
 - JIS Z0237
 - JIS Z 3284
- Automatic RUN mode**
We can use this mode for same sample position and different position.
For high throughput samples analysis.
- Make graphic and area under the testing process**
For use area value analysis and pattern analysis.
- Safety function**
 - Overloading detection
Automatically stop if the measurement range is over
 - Prevention of destruction during probe down
Automatically stop if the probe contact sample
 - Prevention of overheating
Automatically stop if the temperature is overheating beyond the criteria
- Probe and customized probe**
 - Standard probe made of SUS stainless steel rod
 - Available for custom materials, shape and size of probe