

Pressure Measurement Film PRESCALE Application Examples No.26

Use

Verification of pressure uniformity of vacuum heat pressure devices

Measured objects

• Vacuum heat pressure devices

Examples of relevant products

- Electronic components
- OLEDs
- Touch panels



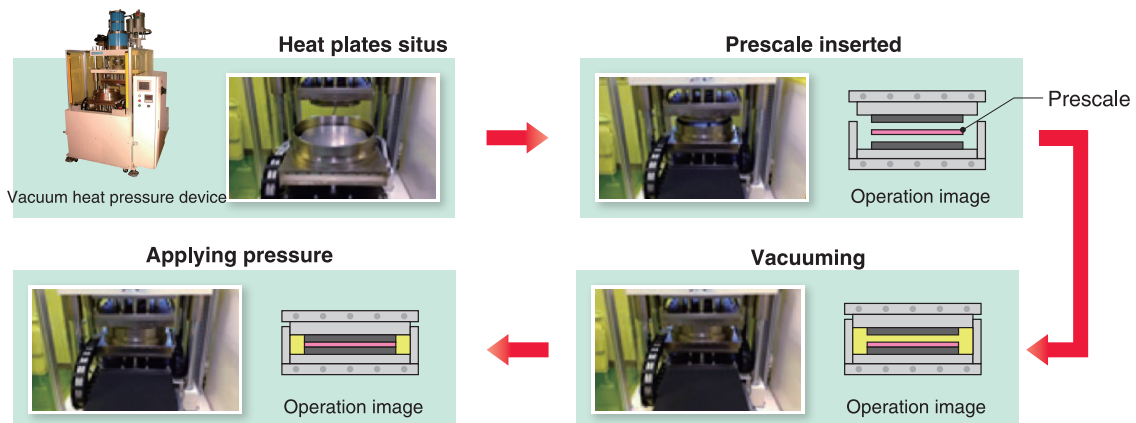
Measurement

Vacuum heat pressure devices are used in special processes, such as lamination, surface bonding transfer printing, and molding, of development or production in a wide variety of industries including electronic components manufacturing, OLEDs, printed circuit boards, green-sheet lamination, heatsink bonding, touch panels, semiconductors, fuel cells, MEMS, LEDs, medical devices, and so on. To improve the quality of processed products, the devices are expected or required to maintain as uniform surface pressure as possible over a long period of time.

Use example Verification of pressure balance in vacuum pressure bonding

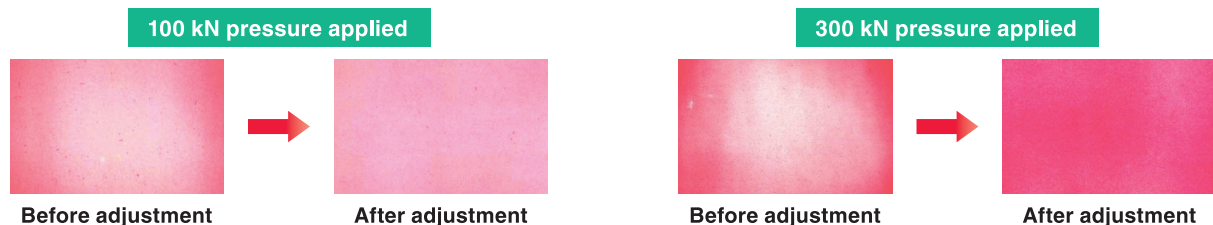
Product used 4LW, LLLW, LLW, LW

Sandwich Prescale between the upper and lower heat plates of the vacuum heat pressure device and apply pressure under usual conditions. Then pull out Prescale to check the developed color, and adjust the device as appropriate.



*Photos by courtesy of Mikado Technos Co., Ltd.

Results (images)



Benefits of Prescale

- Reduces vacuum-pressure bonding failures and improves production yield and quality.

<http://www.fujifilm.com/products/prescale/guide/index.html>

Since the images provided are used for illustration purposes, they may differ slightly from actual products.