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VISUALIZATION OF PRESSURE DISTRIBUTION IN BONDING PROCESSES

Since Prescale Films have been launched to visualize pressure distribution, pressure contact and absolute pressure values, a lot of new applications have been introduced in different industries, for instance packaging-, automotive-, paper-, printing-, etc.

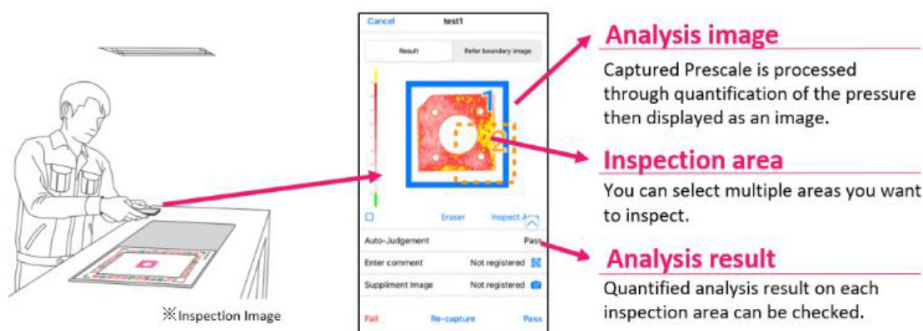
The PRESCALE measurement film converts red densities in pressure values.



New products have been developed to enlarge the possibilities for quality assurance.

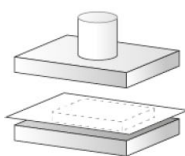
1. **FUJIFILM PRESCALE MOBILE** Dedicated app that enables quantification of pressure at ease.

It allows you to instantly quantify the pressure information by capturing the colored Prescale.



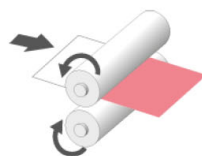
2. Prescale Film for High Temperature (180°C-220°C) Super Low Pressure LLW

Application Examples



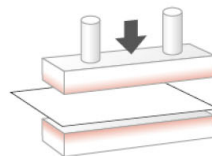
Heat press pressure

- Automotive
- Injection molding
- Electronics etc.
- Check the level and distribution of pressure applied by heat press.



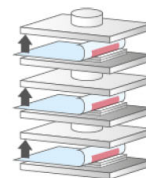
Heated nip pressure

- Li-ion battery
- PCB
- Ceramic devices
- Electronics etc.
- Check the pressure applied by heated rollers and laminators.



Heat sealing pressure

- Food
- Pharmaceutical
- Other packaging etc.
- Check heat-sealing devices for misalignments and distortions.



Heated lamination pressure

- PCV
- Ceramic devices
- Li-ion battery
- Electronics etc.
- Check the evenness and uniformity of contact of high-temperature laminator molds.