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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.

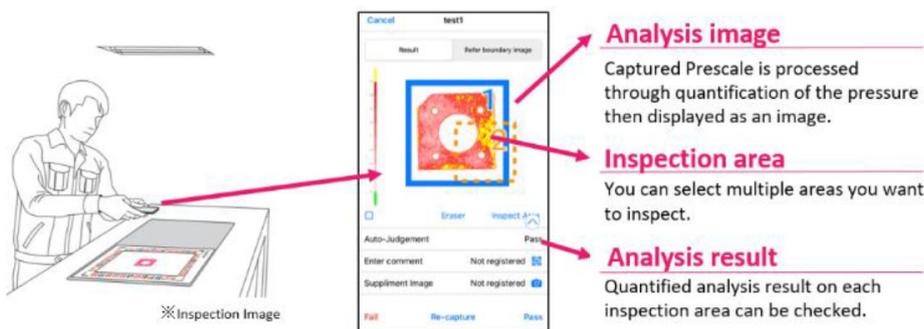
The PRESCALE measurement film converts red densities in pressure values.



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

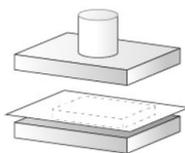
1. FUJIFILM PRESCALE MOBILE Dedicated app that enables quantification of pressure at ease.

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



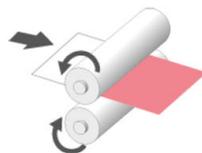
2. Prescale Film for High Temperature (180°C-220°C) Super Low Pressure LLW

Application Examples



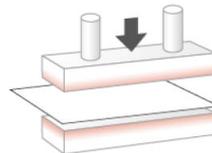
Heat press pressure

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



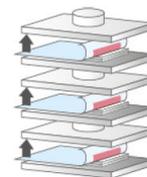
Heated nip pressure

- 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.