



Production technology/Sensor Products Inc.

Sensor for detecting pressure magnitude and distribution

The Pressurex is the new product by Sensor Products Inc., used to reveal the distribution and magnitude of pressure between any two contacting, mating or impacting surfaces. Pressurex functions in three key areas of solar cell manufacturing; namely, detecting and minimizing lamination induced defects, identifying and reducing glass and laminate damage between frames and pneumatic push bar/ backstop during module alignment and ensuring optimal junction box

Sealing uniformity. Pressurex is a mylar-based film that contains a layer of tiny microcapsules which rupture when force is applied producing an instantaneous high resolution “topographical” image of pressure variation across the contact area. The sensor uses the Litmus paper idea where the color intensity of the film is directly related to the amount of pressure applied