

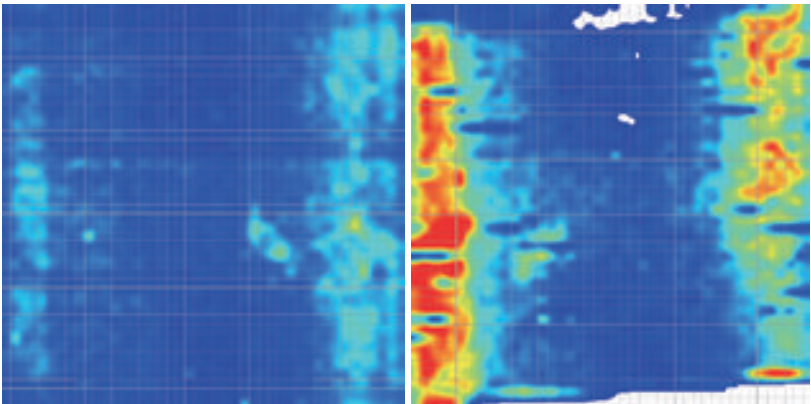
SCREEN BEZEL FIXTURE FLATNESS TEST SOLUTION

PROJECT INTRODUCTION

Screen pressing, encapsulation qualification and the qualification rate of electronic products are closely related to the need to improve automation equipment production efficiency and production quality. South China, a production screen pressing assembly of automation equipment manufacturers, its customers are cell phones, pads and other consumer electronics companies. Customers in order to ensure the high pass rate of product packaging, pressure measurement in constant temperature, dust-free workshop, the sensor will be placed in the equipment, the press rollers for encapsulation and other processes, real-time, intuitive judgment of the flatness of the equipment, and adjusted at any time.



MEASUREMENT RESULT



100KG pressure distribution

300KG pressure distribution

Through the software to obtain the changes in the press-fit process, and real-time feedback images, data, customers according to the pictures, data on the equipment debugging. At the same time, the sensor can be reused, replacing the process of cutting, pressing and scanning of pressure-sensitive paper, which greatly improves the efficiency and reduces the cost of research and development of the equipment in the early stage.

USE

- Fixture inspection
- Flatness measurement

ADVANTAGES

- Improve production efficiency
- Ensure product qualification rate
- Equipment package flatness

EQUIPMENT: S4

- Surface flatness detection system
- SFD



MODEL	SF2825
Sensing area	281mm *250mm
No. of sensing points	1024, 32rows * 32columns
Point density	1.4 points/cm ²
Pressure ranges	10psi