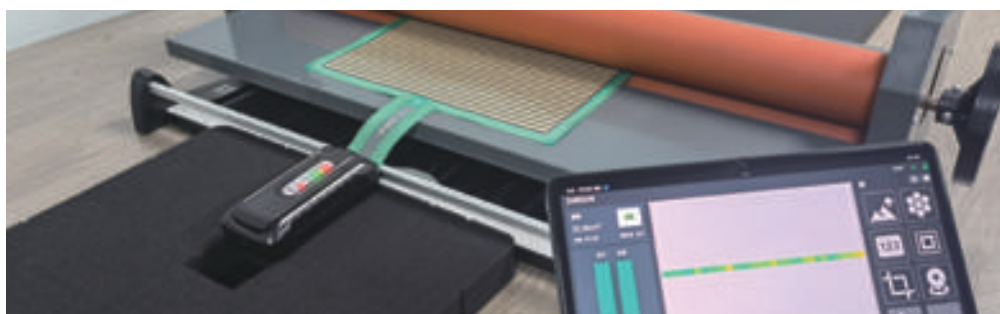


ROLLER FLATNESS TEST PROGRAM

PROJECT INTRODUCTION

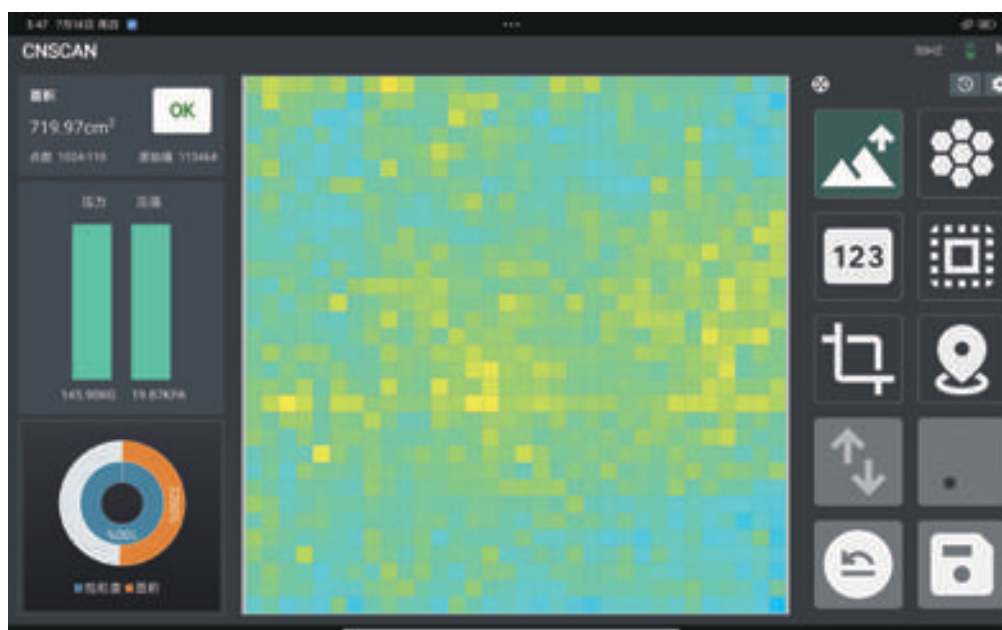
Roller flatness directly affects the quality of the product. It is necessary to judge the roller flatness by testing the pressure distribution between rollers and rollers and between rollers and flat plates.



MEASUREMENT PROCESS

Use the cold rolling mill for simulation testing, the sensor is placed in the cold rolling mill, the side rocker into the sensor, adjust the two sides of the elastic control pressure. According to the collected pressure data, adjust the two sides of the loosening and tightening, to ensure that the roller flatness to meet the requirements.

MEASUREMENT RESULT



By using SFD Surface Flatness Inspection System to test rollers, it saves customers' testing cost, shortens the time cost of testing and improves the production efficiency. The software can directly display NG/OK.

USE

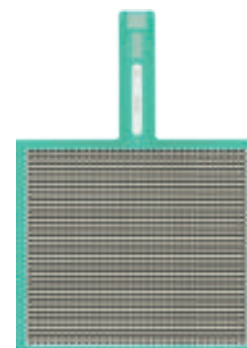
Identify contact pressure
Determine the contact area

ADVANTAGES

Optimize flatness
Save testing costs
Reduce the difficulty of testing

EQUIPMENT: S4

Surface flatness detection system
SFD



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