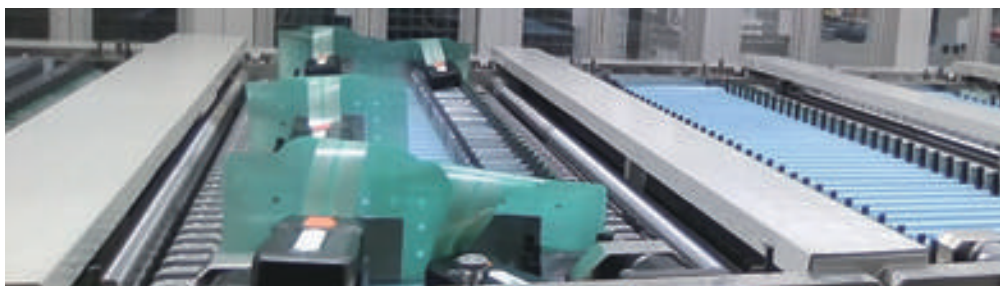


WIRELESS MULTI-CHANNEL TEST SOLUTION FOR FORMING MACHINE FIXTURES

PROJECT INTRODUCTION

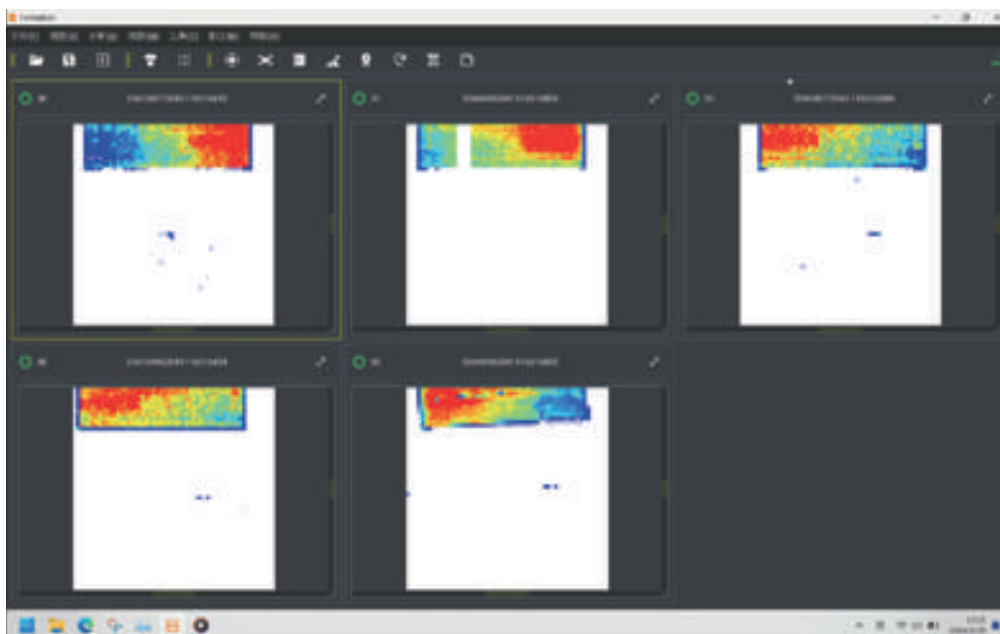
Battery manufacturers, in order to improve the quality of new energy battery formation, urgently need to accurately measure the flatness of the formation machine laminates during the lamination process.



MEASUREMENT PROCESS

Thin film sensors are placed in the laminate sandwich of the forming machine and pre-prepared analog cells are placed between the sensors and the laminate. The subtle dynamics of pressure change and flatness change are captured in real time by the pressure distribution testing system. As the set pressure is adjusted, the pressure distribution shows different states.

MEASUREMENT RESULT



Compared with pressure-sensitive paper, DPM64 solves the problems of high cost and expense and inconvenient measurement process. The accuracy and real-time measurement data are highly recognized by users, promoting R&D progress and production efficiency.

USE

Daily inspection of equipment
Installation and commissioning

ADVANTAGES

Cost Reduction and Efficiency
Automatic Inspection
One-click report generation

EQUIPMENT: D5

High Density Type
Distributed Pressure
Measurement System
DPM-HD



MODEL	TC1111
Sensing area	111mm*111mm
No. of sensing points	4096,64rows*64columns
Point density	32.7points/cm ²
Pressure ranges	500psi