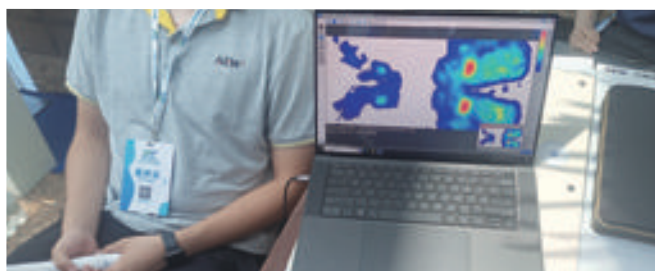


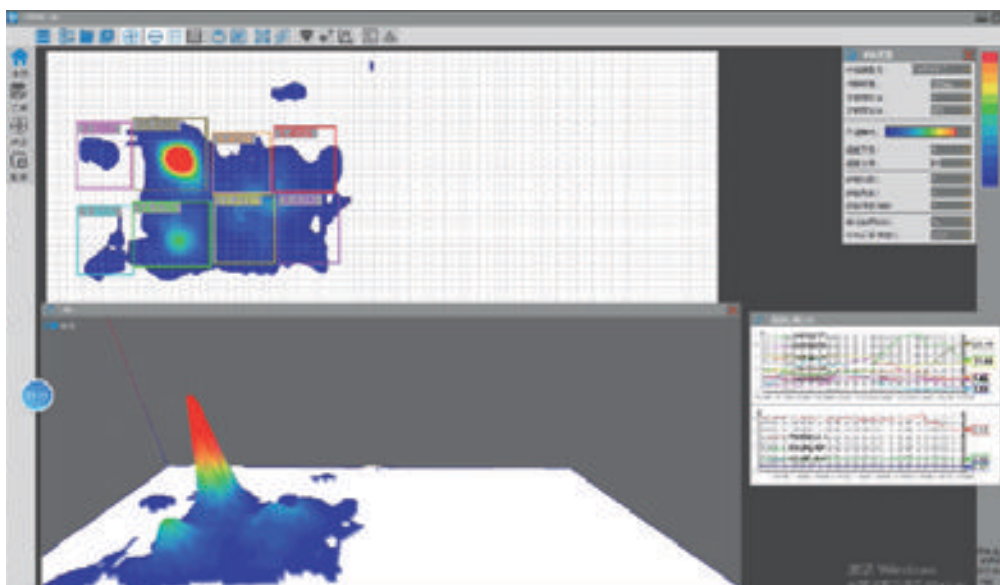
AUTOMOTIVE SEAT COMFORT TEST PROGRAM

PROJECT INTRODUCTION

An automobile manufacturing company in Chongqing needs to verify the foot comfort of automobile seats. Detect the pressure distribution of the seat and backrest in different test environments. The software can output hip pressure images and pressure values, and record the measurement process for engineers' subsequent analysis. Compared with traditional test methods, the thin-film pressure measurement system is convenient for customers to measure without repeated adjustments. This saves time and cost.



MEASUREMENT ADVANTAGES



1. Clear imaging: provide 2D/3D screen to record force value changes.
2. Convenient connection: provide data interface secondary development function, PLC communication or integration of existing testing equipment.
3. Accurate data: remove the initial force value by removing the gross weight.
4. Wireless function: transmission through wireless signal.
5. Peak mode: complete display of the effect of changes in the user's sitting position on the seat pressure per unit of time.

USE

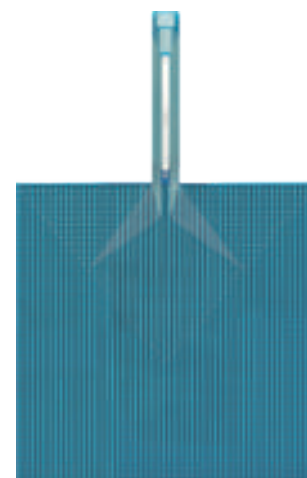
Seat Comfort Measurement
Ergonomic Evaluation

ADVANTAGES

Supplied with seat cushions
Synchronized comfort measurement
Displays center of gravity position

EQUIPMENT: D2

General Purpose
Distributed Pressure
Measurement System
DPM-G



MODEL	CN5050
Sensing area	500mm *500mm
No. of sensing points	2288, 44rows*52columns
Point density	0.9points/cm ²
Pressure ranges	1000psi