

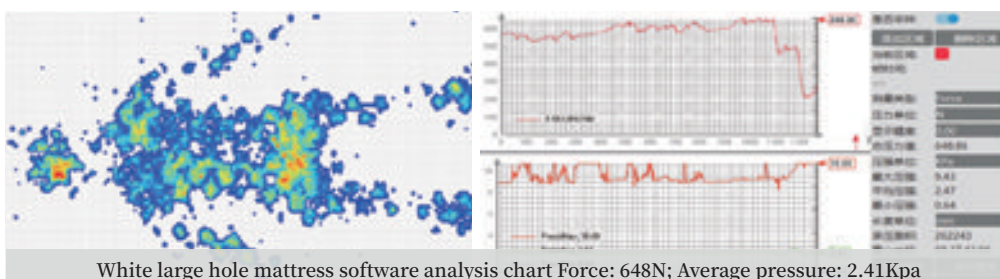
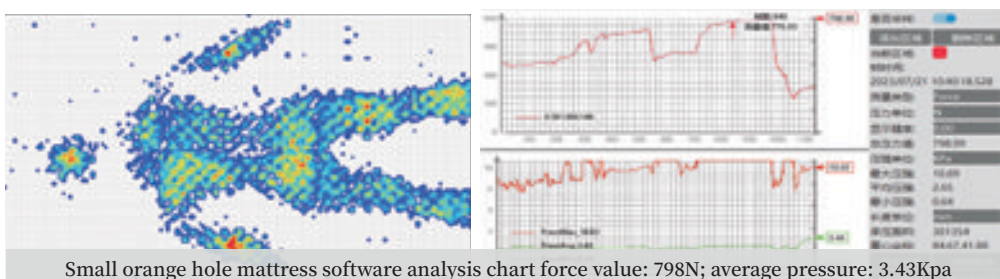
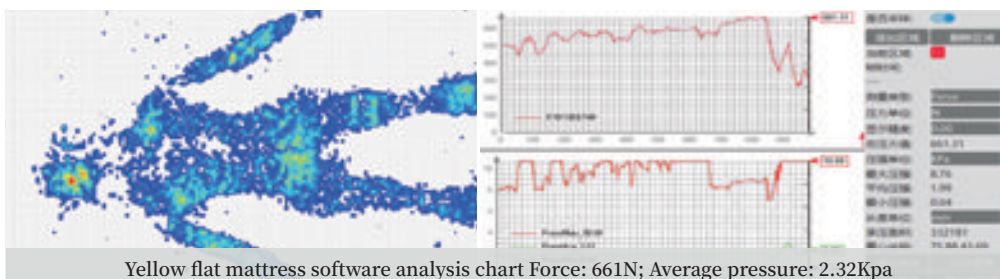
COMPARATIVE TEST SCHEME OF CUSHIONING PERFORMANCE OF MATTRESS MATERIALS

PROJECT INTRODUCTION

People's demand for mattress performance differentiation is becoming more and more obvious. In order to compare and test the cushioning performance of different mattresses, a customer adopts our pressure distribution measurement system to conduct a comparison test and obtain the performance parameters of different mattresses.



MEASUREMENT RESULT



Three kinds of mattresses: yellow pure flat mattresses, orange mattresses with small holes, white mattresses with large holes, the difference between the picture of the three different materials; the difference between the three different materials force value, pressure.

USE

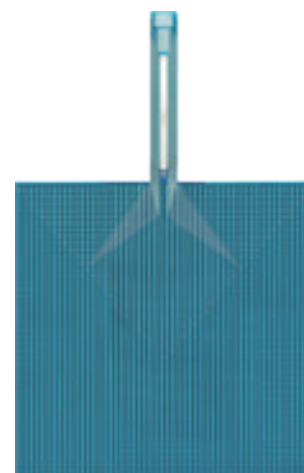
Product Performance Comparison
Product Comfort Verification

ADVANTAGES

Clear indication of pressure
Quantifies mattress material properties

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