

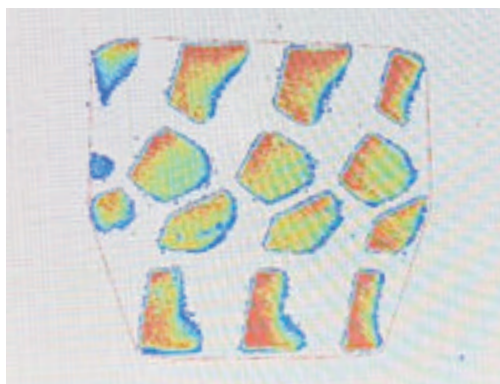
ENGINEERING TIRE GROUND PRESSURE TEST PROGRAM

PROJECT INTRODUCTION

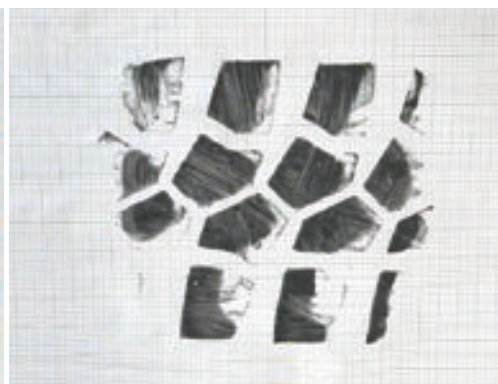
Automobile tires need to test the tire grounding pressure and grounding area when leaving the factory, and the conventional testing method uses ink coordinate paper measurement. By scanning the ink on the coordinate paper, using CAD software to calculate the grounding pressure of the tire. Has a certain degree of effectiveness, but the operation is cumbersome long time, low test efficiency. Now we use our tire grounding pressure distribution measurement system for tire grounding area testing.



MEASUREMENT RESULT



Measurement results with our software



Measurement effect of regular coordinate paper

We use carbon fiber plates on the surface of the test to protect the sensors from the shear forces generated by the deformation of the tire tread. Our equipment is able to measure the ground pressure of the tire in real time, including the tread and its gap, thus ensuring the comprehensiveness and accuracy of the test results. Easy operation reduces tedious steps and improves testing efficiency.

USE

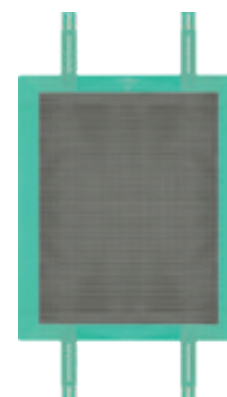
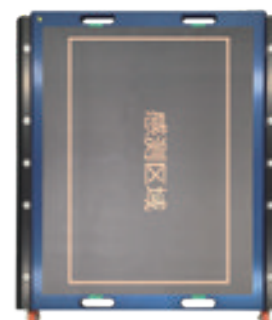
Tire Ground Pressure Analysis
Tire Ground Stamp Test

ADVANTAGES

Monitor imprint dynamics
Customize reports with one click
Compatible with a wide range of tires

EQUIPMENT: T1

Universal Tire Ground Pressure
Measurement System
TPM-1



MODEL	TiPS-5172
Sensing area	512mm *720mm
No. of sensing points	46592, 256rows*182columns
Point density	12.8points/cm ²
Pressure ranges	500psi