

STATIC/DYNAMIC PRESSURE TESTING SCHEME FOR BUS TIRES

PROJECT INTRODUCTION

Tire grounding pressure distribution measurement system is a kind of process test instrument used in the field of mechanical engineering, especially in the automotive process experimental equipment occupies an important position. It can accurately measure the pressure distribution of tires when grounded, providing important data support for tire design, road surface research and vehicle dynamics analysis.

STATIC TESTING

The press applies pressure to the tire, increasing the force from 100kg to 500kg for pressing and viewing the image of the tire impression.

DYNAMIC TESTING

In the outdoor environment, the automobile tire runs through the tooling at a constant speed, and the force value is displayed on the screen.

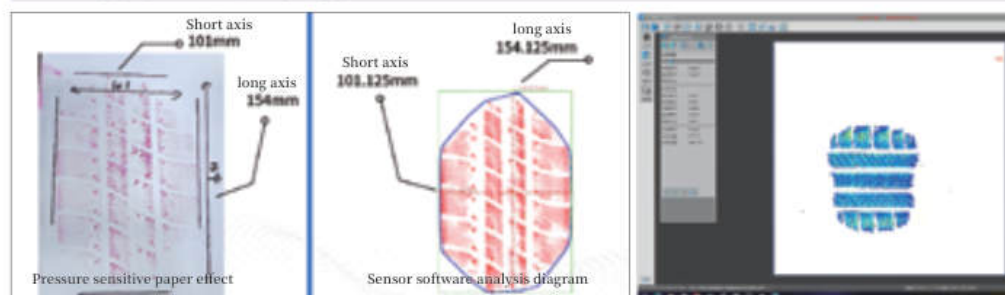


Tire static imprint test



Tire Dynamic Impression Test

MEASUREMENT RESULT



static testing

dynamic test

The use of our equipment can accurately detect the tire ground pressure in real time, easy to operate, and is of great significance in evaluating tire performance, optimizing tire design, and improving vehicle safety.

USE

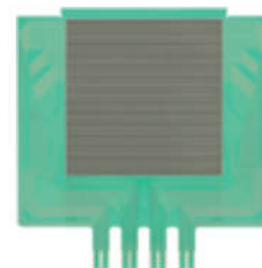
Tire Ground Pressure Analysis
Tire Ground Stamp Test

ADVANTAGES

Detecting imprint dynamics
Customize reports with one click

EQUIPMENT: T2

Compact Tire Ground Pressure
Distribution
Measuring System
TPM-2



MODEL	TiFS-4040
Sensing area	400mm *400mm
No. of sensing points	65536, 256rows*256columns
Point density	41.1points/cm ²
Pressure ranges	500psi