

TIRE AND RIM AIR TIGHTNESS TEST PROGRAM

PROJECT INTRODUCTION

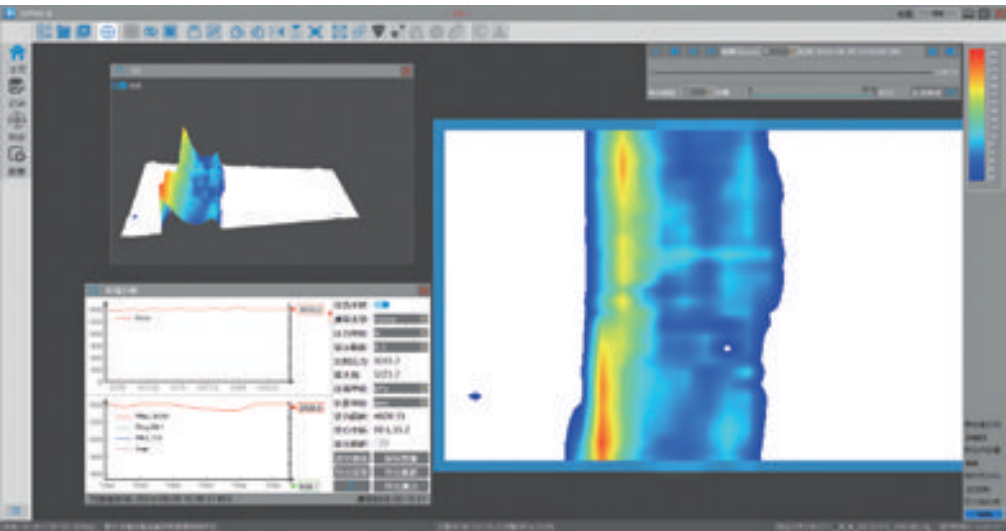
The rim is the component around the wheel on which the tire is mounted, and it provides the support and mounting base for the tire. The inner diameter of the tire must match the diameter of the rim to ensure that the tire can be properly mounted on the rim and maintain good air tightness and stability. If the tire size does not match the rim, it may lead to mounting difficulties, tire leakage, unstable driving and even safety accidents.

MEASUREMENT PROCESS

The sensor is inserted into the surface of the rim at a distance of about 5-6 centimeters, the sensor is fixed, and the state of the sensor in the rim is detected, and then the tire is fixed on the tester, and then the upper pressure is applied to check the condition of the pressure between the tire and the rim and the change of the contact surface.



MEASUREMENT RESULT



The automotive industry is constantly evolving and the technology of tires and rims is continuously being innovated and optimized, using our equipment to meet higher performance and safety requirements.

USE

Product Design Verification
Factory Inspection

ADVANTAGES

Improved tire and rim design
Improve tire air tightness and stability

EQUIPMENT: D2

General Purpose
Distributed Pressure
Measurement System
DPM-G



MODEL	CN1807
Sensing area	188mm *72mm
No. of sensing points	1400, 28rows*50columns
Point density	10.1points/cm ²
Pressure ranges	500psi