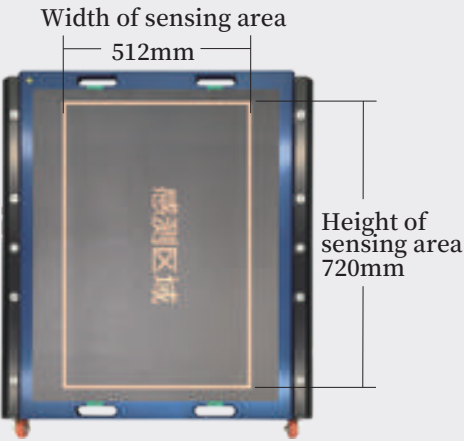


T1 UNIVERSAL TIRE GROUND PRESSURE DISTRIBUTION MEASUREMENT SYSTEM (TPM-1)

General Tyre Contact Pressure Distribution Measurement System (TPM) (General Tyre Contact Pressure Distribution Measurement System) for passenger cars, trucks, off-road vehicle tires and other tread ground pressure distribution test, the highest support pressure 25T, the maximum support for the 69-inch tire performance testing. The system pressure detection accuracy of 5KG, the system can support dynamic detection, sampling rate up to 50Hz, the highest support 20KM / h speed through. Compared with the traditional paper mark detection, the system can output long axis, short axis, pressure area, average pressure per unit area, hardness coefficient, grounding coefficient, etc., without the need for secondary calculation. Inspectors can quickly get started on the tire performance test, the system has been successfully applied to major tire factories and vehicle inspection agencies.



Width of sensing area
512mm

Height of sensing area
720mm

TPM-1 System Advantages	
No calibration required	Self-contained 25T portable axle weighing scale can accurately display vehicle pressure
powerful software	Long axis, short axis, pressure, area, average pressure per unit area Visualization of the hardness coefficient
Output Reports	Tire mark parameters are exported by one key
Device General	Passenger car tires, engineering tires, special tires can be applicable

TPM-1 system parameters				
Appearance size	Sensing area	Frequency	No. of sensing points	Peak pressure
811*900*75.5mm	512*720mm	50Hz	46592	25T

Comparison of Ground Pressure Indentation Measurement Methods in Principle							
product \ property	Test Condition	se cost	ccessibility	Tire versatility	Measurement accuracy	Dynamic responsiveness	Static responsiveness
Inked paper		√		√			√
Optical Measurement					√	√	√
Capacitance Sensors			√	√	√	√	√
Resistive Sensors	√	√	√	√	√	√	√

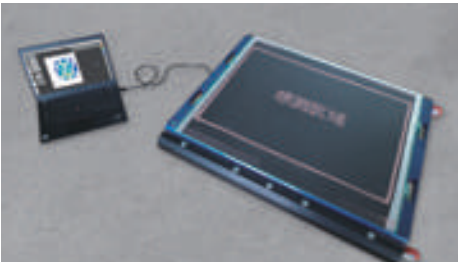
T1 Universal Tire Ground Pressure Distribution Measurement System (TPM-1) Application Examples



Engineering Tire Ground Pressure Test



Truck Tire Ground Pressure Test



Tire Dynamic Impression Test