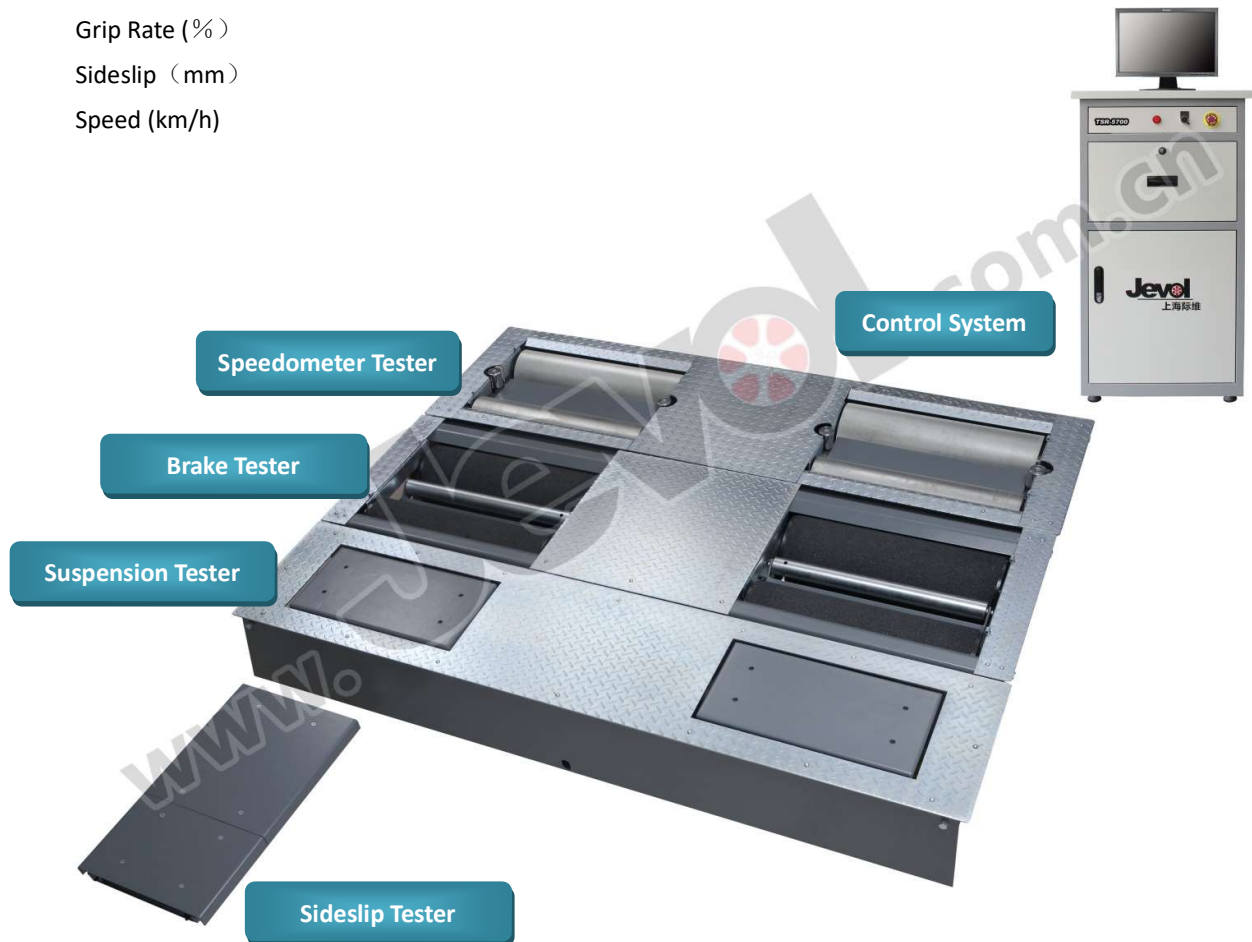


TSR-5700 Vehicle Quintuple Test Lane

★ Measurement Items

- Brake Force (N)
- Axle Brake Efficiency (%)
- Sum Brake Efficiency (%)
- Axle Brake Unbalance (%)
- Friction Efficiency (%)
- Axle Load (kg)
- Grip Rate (%)
- Sideslip (mm)
- Speed (km/h)





Sideslip Tester

- ▶ With relax plate can decrease the pulling force, making the testing more accurate.
- ▶ High precise sensor ensure the accurate more than 0.1mm.



Suspension Tester

- ▶ Design according to EUSAMA.
- ▶ Check the vehicle road grip, shock absorber performance
- ▶ It can auto-stop in case of over-loaded.
- ▶ Start from 23Hz, it can simulate the real road highest vibration.
- ▶ Low-noise design reduces the vibration interference.



Brake Tester

- ▶ The corundum roller surface with high adhesion coefficient, which near the road condition and has more than 200,000 lifespan. Independent safety system can automatically stop motor in case of tyre slip and to protect the tyre.
- ▶ The rear roller is higher than the front roller, it can avoiding the vehicle drive out of the bench during testing.
- ▶ Accessory cover ensure the installed bench area like the smooth earth.



Speedometer Tester

- ▶ Curved roller has high friction coefficient and long lifespan.
- ▶ Security device in case of the rim and tyre wear during high speed testing.
- ▶ Speed-limited lift air design, only lifting when wheels no running, to ensure the safety during the testing and drive vehicle off the bench.
- ▶ Accessory cover ensure the installed bench area like the smooth earth.



Control System

- ▶ Embedded industrial computer
- ▶ CPU: 2.4G
- ▶ Memory: 1G
- ▶ Hard disk: 160G
- ▶ Monitor: LCD 19"
- ▶ Printer: A4 Inkjet
- ▶ **Industrial computer has high anti-interference and anti-vibration performance. With good heat dissipation performance and long life time.**



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Technical Parameters:

Items	Brake Tester	Suspension Tester	Sideslip Tester	Speedometer Tester
Max axle load	3T	3T	3T	3T
Testing Speed	2.5km/h	/	3~5 km/h	40km/h
Power supply	380V 50HZ	380V / 50HZ	220V / 50HZ	220V / 50HZ
Motor	3kw×2	1.5 KW X 2	/	/
Roller diameter	245mm	/	/	190mm
Roller length	750mm	/	/	750mm
Testing range	0-9000N	/	±15mm	/
Adhesion coefficient	0.8	/	/	0.8
Frequency	/	23HZ	/	/
Amplitude	/	6mm	/	/
Air pressure	/	/	/	0.8Mpa
Dimensions (L×W×H)	2500 X 750 X 356mm	2500 X 550 X 356mm	800X460X60mm	2500X750X350mm
Weight(KG)	530kg	380kg	55kg	500Kg

Customer Photos



<p>Sideslip Testing</p>	<p>Suspension Testing</p>
<p>Weight Testing</p>	<p>Brake Testing</p>
<p>Speedometer Testing</p>	<p>Customized Test Report</p>