

Brake Tester (RRT-2500 for cars)

★ Measurement Items

Brake Force (N)

Axle Brake Efficiency (%)

Sum Brake Efficiency (%)

Axle Brake Unbalance (%)

Friction Efficiency (%)

Axle Load (kg)



- ★ The corundum roller surface with high adhesion coefficient, is near the road condition and has more than 200,000 life span. Independent safety system can automatically stop motor in case of tyre slip and to protect the tyre.
- ★ Accessory cover ensure the installed bench area like the smooth earth.
- ★ With self-lock function which is convenient for car drive out after finishing test.
- ★ The rear roller is higher than the front roller, it can avoiding the vehicle drive out of the bench during testing.
- ★ The compact bench is compounded with brake tester and axle tester, space-saving, high repetition of the testing data.

Items	Parameters
Model	RRT-2500
Axle Load	3T
Motor Power	3kW X 2
Testing Speed	2.5 km/h
Testing Range	0~9000N
Track	800~2200mm
Roller Diameter	φ245mm
Roller Length	750mm
Dimension (L X W X H)	2500 X 750 X 356mm



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Brake tester bench



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

Testing process for 2WD

Testing process for 4WD

The screenshot shows a software interface for testing. On the left is a vertical menu with icons for BMW, Setup, Service, Database, Testing, and Exit. The main area contains a grid of vehicle icons. A blue box highlights a 2x2 grid of icons (a car, a truck, a motorcycle, and a car) with a blue arrow pointing to a 'Manual testing' button below it. On the right, there is a 'Car's Information' form with fields for Car owners, Address, Company, Tel, Fax, Car type, Car license, VIN/Chassis NO., Mileage, Date (2013-05-29 10:13:24), Operator, and Remark. Below the form are 'Multi axle set' dropdowns for Axle count (2) and Drive Axle (1), and a list of checkboxes for handbrake configurations.



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Jevol Copyright Software

<p>Brake Testing Database</p>	<p>Brake Testing</p>
<p>Weight Testing</p>	<p>Customized Test Report</p>

Date: 2020-11-26 11:38:17 NO: 0000158113817

Shanghai JEVOL

Company: JEVOL Car type: A-BP021 100kg/1m
 Address: JEVOL Car license:
 Tel: JEVOL
 Name: JEVOL
 Operator: JEVOL

Force left brake force
 Force right brake force
 Rear left brake force
 Rear right brake force
 Left hand brake force
 Right hand brake force

	Front axle		Rear axle		Hand brake	
	Left	Right	Left	Right	Left	Right
Resistance force(N)	272	265	222	151	2821	2827
Brake torque(N)	204	217	208	205	2821	2827
Brake efficiency(%)	284	317	208	205	2821	2827
Wheel weight(kg)	210	415	442	447		
Axis load(kg)	851	859				
Total load(kg)	851	859				
Resistance efficiency(%)	Front axle		Rear axle		Hand brake	
Brake efficiency(%)	Left	Right	Left	Right	Left	Right
Brake force(N)	3	2	2.8	4	32.4	78
Brake efficiency(%)	Front axle		Rear axle		Hand brake	
Brake efficiency(%)	Left	Right	Left	Right	Left	Right
Brake efficiency(%)	73	74	5	11	71	0
Brake efficiency(%)	Front axle		Rear axle		Hand brake	
Brake efficiency(%)	1.8		1.8			

PASS
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