

## Brake Tester (RRT-2500W for 3T 4WD vehicles)

### ★ Measurement Items

Brake Force (N)

Axle Brake Efficiency (%)

Sum Brake Efficiency (%)

Axle Brake Imbalance (%)

Friction Efficiency (%)

Axle Load (kg)

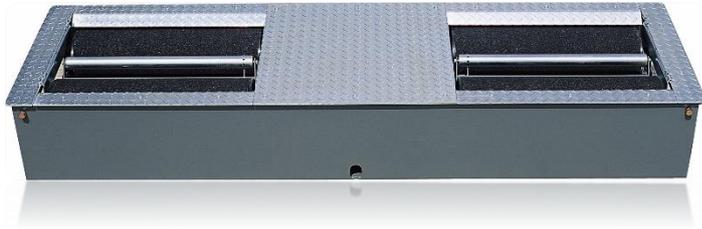


- ★ The corundum roller surface with high adhesion coefficient, is near the road condition and has more than 200,000 life span. Independent safety system can automatically stop motor in case of tyre slip and to protect the tyre.
- ★ Accessory cover ensure the installed bench area like the smooth earth.
- ★ 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-2500W
Axle Load	3.5T
Motor Power	3kW X 2
Testing Speed	3.7km/h
Testing Range	0~9000N
Track	800~2200mm
Roller Diameter	φ200mm
Roller Length	700mm
Dimension (L X W X H)	2400 X 720 X 286mm



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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 manual testing. At the top, there are icons for BMW, a car, a truck, a Multi-Axle vehicle, a printer, a 'reset' button, and a folder. Below these is a grid of vehicle icons, with a blue box highlighting a selection of icons. A 'Manual testing' button is positioned below the grid. On the right side, there is a form for 'Input Test Information' with fields for Car owners, Address, Company, Tel, Fax, Car type, Car license, VIN/Chassis NO., Message, Date (2013-05-29 10:13:24), Operator, and Remark. Below the form are dropdown menus for 'Multi axle set', 'Axle count', and 'Drive Axle', and a list of checkboxes for handbrake configurations.



## RRT-2500W can tests both 2WD and 4WD vehicles.

Brake Testing needs to drive the tyre on the bench to simulate the real moving. For 4WD vehicles, when we drive one axle, the other axle will also get driving force. 4WD Brake Tester can setting testing model by software, one axle will not get driving force while driving another one. This design can avoid vehicle driving out of the bench.

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