

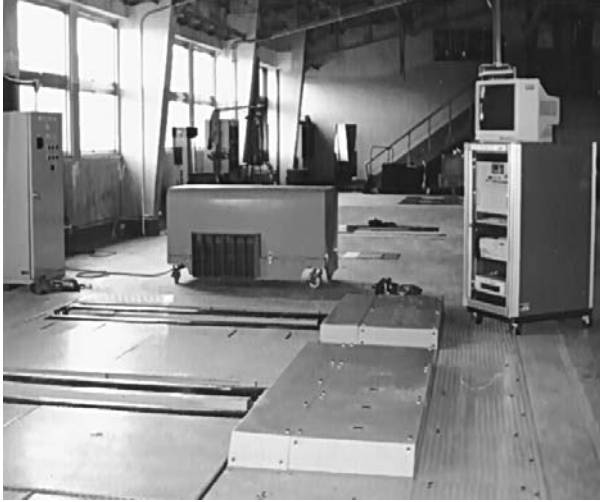
BACK

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DIAGNOSIS EQUIPMENT



VEHICLE SIMULATION TESTER



VST-3000-4W



VST-3600-4W



Control Board



Control Board (Desk Type)

This vehicle simulation tester reproduces the actual running status of the vehicle, to measure transient conditions and braking performance during running.

This is a general performance test system that allows computers to perform equipment control, data processing, and diagnosis and evaluation of results.

Features:

- This vehicle simulation tester can measure totally diagnosis test at short time.
- Acceleration curve (diagram) can be measured automatically, and also can measure passing acceleration time and start acceleration time at same time.
- Driving force-speed can be measured automatically, and also measure max. driving curve (diagram) at 3min.
- Engine shaft torque curve (diagram) can be measured automatically.
- It can register and make 10kinds of running pattern such as 10mode running, 10 – 15mode running, etc.

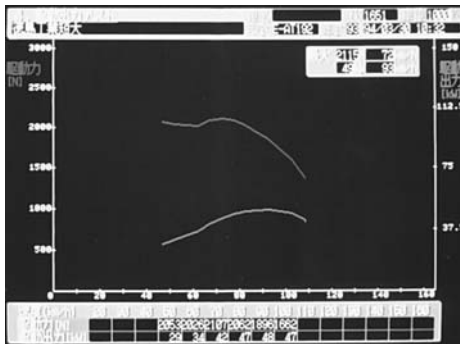
VEHICLE SIMULATION TESTER



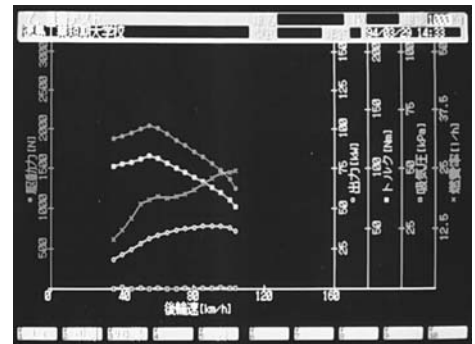
Menu Picture



Acceleration Output Test



Driving Force Test



Load Test

Model		VST-3000-4W	VST-3600-4W	VST-3000S
Applicable for		Small car to regular cars or equivalent		
Applicable Wheel Base	mm	2,000 – 3,000	1,750 – 3,100	–
Axle Weight Allowance	kg	1,500	1,500	1,500
Max. Testing Speed	km/h	200	200	200
Roller Diameter		Front $\phi 370\text{mm} \times 2$ Rear $\phi 370\text{mm} \times 2$	Front $\phi 636\text{mm} \times 2$ Rear $\phi 318\text{mm} \times 2$	$\phi 318\text{mm} \times 2$
Roller Inertia	kg	Front 500 Rear 500	Front 500 Rear 500	1,000
Flywheel	kg	Front 250 Rear 250	Front 125, 250, 500 Rear 125, 250, 500	–
Flywheel Connection		Electromagnet Clutch	Electromagnet Clutch	–
Motoring Equipment		Option	Option	–
Cooling Fan		7.5kW (0-80km/h)	11kW (0-100km/h)	1.5kW (Option)
Exhaust Fan		0.4kW (Turbo Fan)	0.4kW (Turbo Fan)	Option
Load Absorption Method		Air Cooled Electric Dynamometer	Water Cooled Electric Dynamometer	Air Cooled Electric Dynamometer
Dynamometer Max. Absorption Ability	kgf	400	400	400
Tyre Cooling Method			2.2kw \times 2 (Option)	–
Foundation Size (W \times L \times D)	mm	Approx. 4,200 \times 5,200 \times 820	Approx. 3,900 \times 4,775 \times 950	Approx. 4,300 \times 1,860 \times 500

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