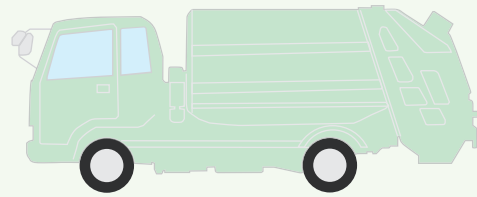


For the first time in the small and medium classes!

The axle load is 4.0t

A cable-laying vehicle, for which the axle load slightly exceeds 3t, can also be tested.

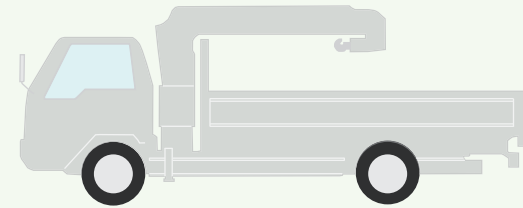
ALTA pursued extra capacity, and has realized a 4.0t tester, for the first time in the small and medium classes!



Garbage truck



Limited to vehicles with a 4.0t axle load only.

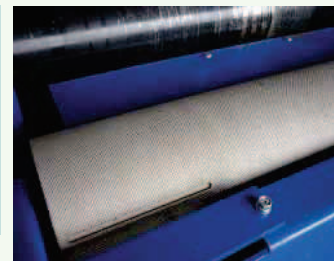


Crane truck

Introduction of thermal spray rollers

Silent design

The keening noise during speed measurement has been reduced. Slip resistance has also been ensured with the knurling processing as well as thermal spray rollers.



Silent roller

Thin design

Maximum thickness: 240mm

ALTA considered cost reduction for facility installation and installation at higher elevations. We downsized the tester while ensuring the strength to accommodate a 4t axle load.

Digital indicator (standard feature)

One digital indicator switches the display to show the brake, speed, and side slip test results!



Introduction of the large, clear, high-intensity LED

Floor stand OR Suspended from ceiling

There are two meter installation methods to choose from

- Brake measurement: The display can be switched between the precisions of each right and left wheel, the sum, and difference of the measurement values.
- speed measurement/side slip measurement: The measurement results are displayed on the left side of the LED. The time length to display the results can be extended.

Wireless remote controller (standard feature)

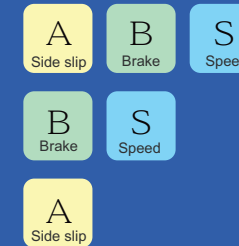
The tester can be operated from the driver's seat!

- The measurement modes can be switched among brake, speed, and side slip with one-touch operation.
- The start/stop button operation activates the medium lift to ascend or descend.
- The display can be switched between the instantaneous value and the peak value



The wireless remote controller is convenient for one-man measurement operation!

4.0t Super Multi Tester



ABS complex tester **Super Multi Tester**

BS complex tester **Super Combi Tester**

Side Slip Tester

Three innovations of the new tester for small and medium-size vehicles

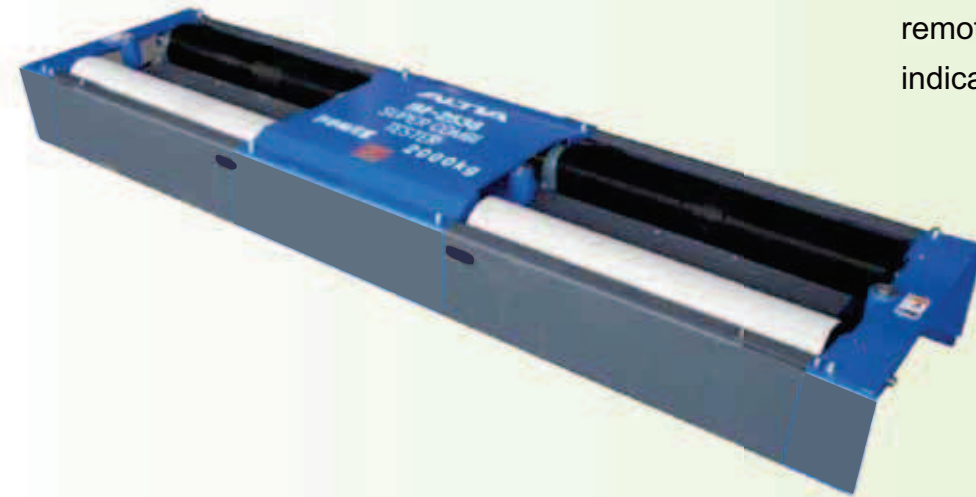
Allowable axle load of 4t, and thin and silent design
The testers accommodate a variety of vehicle models



The completely detachable type enables a layout with a high degree of freedom

- Even in the layout where the side slip tester, and brake & speed tester are installed separately, individual meters can be positioned where you can check the results easily.
- Replacing or installing only one of side slip tester, or brake & speed tester, is also possible.

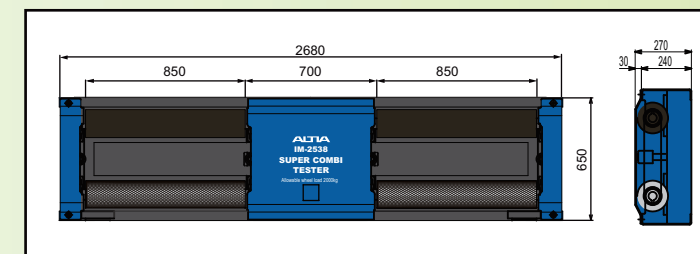
B Brake S Speed Super Combi Tester



The total height of 240mm, and the thin design, enable installation at high elevations.

Both width and depth of the tester have been downsized in comparison with our conventional 3t testers, which can minimize the floor installation space requirement. A wireless remote controller with superior operability and a clear digital indicator are standard features.

External view



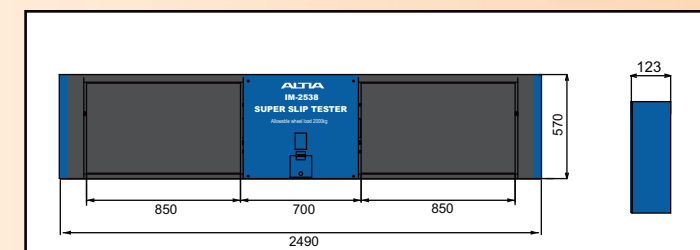
4t Super Combi Tester		
Product number	IM2538	
Model	IM-2538	
Indicator	Digital	
Allowable wheel load (kg)	2,000	
Main unit dimensions (mm)	Width: 2,680 × Depth: 650 × *Height: 240 *The height is when the lift is installed under-floor. The top surface of the roller is 20mm plus from the floor.	
Main unit weight (kg)	Approximately 580	
Roller	internal width - external width (mm)	700 to 2,400
	Axle distance (mm)	375
	Diameter (mm)	φ148
	Connection method	Electromagnetic clutch
Brake test	Detection method	load cell method
	indicated range (kN)	0 to 1,200
	minimum scale value (kN)	1
Speed test	Detection method	rotary encoder method
	indicated range (km/h)	0 to 120
	minimum scale value (km/h)	0.1
Motor	Totally-enclosed type	
Power source	Three-phase 200V 0.75kw × 2 AC100V	
Operating air sure (MPa)	0.8	

A Side Slip Tester



The Side Slip Tester has the strength to endure 4.0t axle load while its dimensions are almost the same as those of our conventional products (3t Side Slip Tester). Replacement can be easily implemented. Its height of 125mm and thin design simplify installation work at an existing plant, because digging deep into the ground is unnecessary.

External view



4t Side Slip Tester		
Product number	IM2213	
Model	IM-2213	
Indicator	Digital	
Allowable wheel load (kg)	2,000	
Main unit dimensions (mm)	Width: 2,490 × Depth: 570 × *Height: 123	
Main unit weight (kg)	Approximately 80	
Footboard	Dimensions (mm)	Width: 850 × Depth: 500
	internal width - external width (mm)	700 to 2,400
	Footboard central clearance (mm)	1,550
Side slip	Detection method	Potentiometer method
	indicated range (mm/s)	IN/OUT: 0 - 15
	minimum scale value (mm/s)	0.1
Power source	AC100V	