

# Flat BS Tester

## Brake & Speed Meter Tester

**FLAT BRAKE  
SPEED METER TESTER**

MODEL **BS Series**

**The full-flat design blends well with the environment of the factory and improves the safety and efficiency of work!**

**Medium-sized truck**      **Mounting vehicle (packer/unique vehicle)**      **Specially equipped vehicle**

For a wide range of vehicle types with up to **3.6t** axle load! \* BS-212/210S/210



The photo is BS-212.

**Axle load 3.6t**  
BS-212/210S/210

**Axle load 3t**  
BS-205S/204



**Height 250mm**  
**Thin body**

**Small footprint**

**Full-flat body**

A thin design with a 250 mm body height is ideal for installation in a multi-story factory. Furthermore, since the existing tester pit can be used, it is also recommended as a replacement.

ANZEN's unique technologies

### Selectable from three types of rollers

	<p><b>Grooved quiet roller</b></p> <p><b>BS-212</b></p> <p>This unique roller reduces metallic friction noise during speed measurement while maintaining the same braking force and durability. The general unpleasant noise level from 800 Hz to 2.5 kHz is reduced to suppress a high-pitched squealing sound.</p> <p>A surface geometry with grooves along the roller surface prevents the tires from being caught during rotation to improve quietness.</p>	<p><b>Silent roller</b></p> <p><b>BS-10S/BS-205S</b></p> <p>This roller has numerous crevices on the surface. A soft contact is tire friendly and reduces metallic friction noise. This is recommended for a factory that is trying to reduce noise.</p>	<p><b>Grooved roller</b></p> <p><b>BS-210/BS-204</b></p> <p>This roller has excellent cost effectiveness. It can be used for all applications, including for vehicle inspection in snowfall areas.</p>
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## Easy to read and understand large digital indicator Digital meter type

The brake and speed can be switched by pressing a switch on a wireless remote control so it is easy to operate from the driver's seat.

### ● Stand type



Wireless remote control is available as standard

- Real and hold display are available depending on the application.
- Speed measurement mode: Speed meter conversion values at 40 km/h can be displayed in addition to normal measurement.
- Brake measurement mode: the sum of and difference between the left and right wheels, and the highest and maximum values of the sum can be displayed.

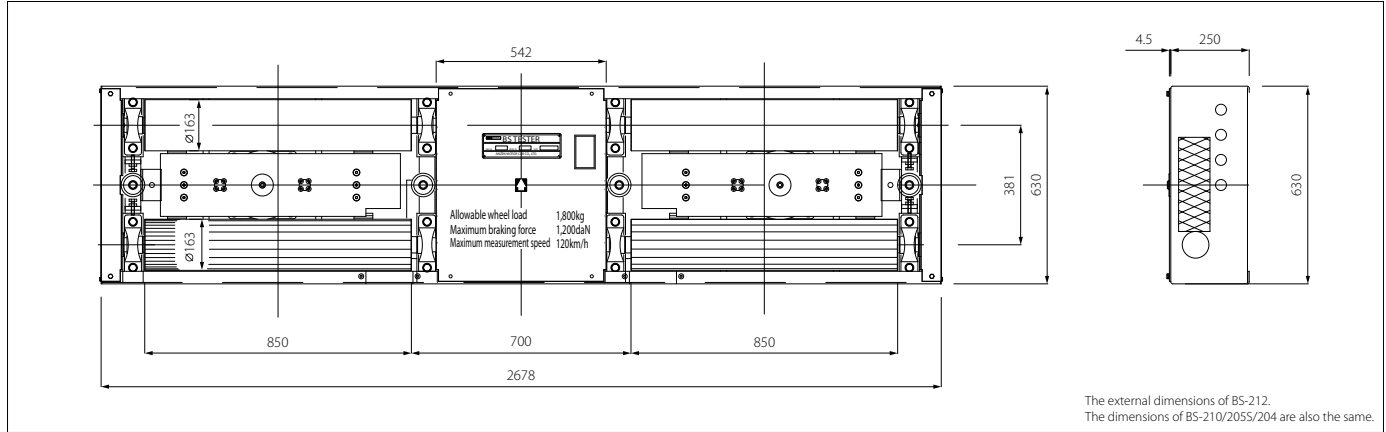
### ● Hanging type

Service work space can be used effectively.



Wireless remote control is available as standard

### ■ External Dimensions



The external dimensions of BS-212.  
The dimensions of BS-210/205S/204 are also the same.

### ■ Specifications (tester)

Model		BS-212	BS-210S	BS-210	BS-205S	BS-204
MLIT registered model		BS-212	BS-210S	BS-210	BS-205S	BS-204
Model test number		JASEA-B-S-42	JASEA-B-S-27	JASEA-B-S-26	JASEA-B-S-12	JASEA-B-S-6
Allowable axle load (kg)		3,600			3,000	
Roller	Roller shape	Front axle: flat and smooth, rear axle: groove finish	Front/rear axles: shot finish	Front axle: flat and smooth, rear axle: groove finish	Front/rear axles: shot finish	Front axle: flat and smooth, rear axle: groove finish
	Outside diameter x length (mm)	φ163x850				
	Front-rear axle distance (mm)	381				
	Roller center distance (mm)	1,550				
	Inner/outer width between rollers (mm)	700/2,400				
	Rotation (50/60 Hz) (r/min)	6.2/7.5				
Brake test	Maximum braking force (daN)	1,200 (within continuous 30 seconds)			1,000 (within continuous 30 seconds)	
	Sensor	Load cell				
Speed meter test	Maximum test speed (km/h)	120 (within continuous 60 seconds)				
	Normal maximum speed (km/h)	80				
	Sensor	Rotary encoder				
Operating air pressure (MPa)		0.97				
Power supply (control part/motor)		AC100V 1A/AC200V 0.75kWx2				
Tester dimensions (mm)		W2,678xL630xD250				
Tester weight (kg)		Approx. 580			Approx. 530	

### ■ Specifications (indicator)

Model		BS-212/210S/210	BS-205S/204
Display type		Digital meter	
Brake test	Indication range (daN)	0 to 1,200	0 to 1,000
	Minimum indication (daN)	1	
Speed meter test	Indication range (km/h)	0 to 120	
	Minimum indication (km/h)	0.1	
	Speed confirmation device (buzzer)	None (setting can be changed)	
Indicator dimensions (WxDxH) (mm)		W460xD100xH275	

■ Before using this product, carefully read the precautions indicated by **⚠ DANGER**, **⚠ WARNING**, and **⚠ CAUTION** in the manual supplied with this product to ensure correct use.

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BS-212-DS CD:01121451  
BS-210S-DS CD:01121389  
BS-210-DS CD:01121393  
BS-205S-DS CD:01121434  
BS-204-DS CD:01121385

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\* These specifications are subject to change without notice.