

# Tester for Low Beam Screen Manual Headlight Tester

HEADLIGHT TESTER

MODEL **HL-211S**  
**HL-211SL**

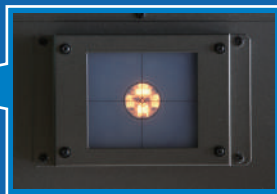
**High Functionality and Practicality  
Increase Cost Effectiveness!**

Screen Manual Headlight Tester Flexibly Supports Lights that Become More Diverse

## Aligning the Tester with the Light Center on the Alignment Screen



Smooth adjustment on the alignment screen while looking at the light distribution pattern.



Alignment screen



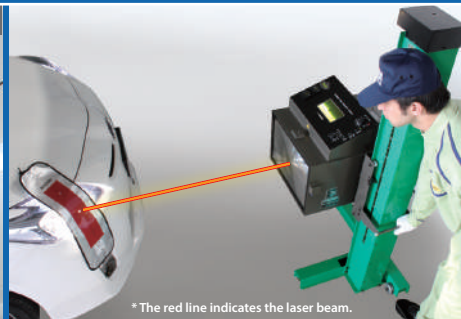
HL-211S

## Aligning the Tester with the Light Center with Laser

Just match the laser beam with the light center!

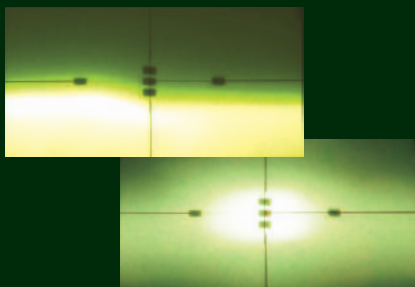
\* Automatic laser shut-off function is available.

- The auxiliary light cover can be secured with a suction disc and magnet, whichever suits the material of the body.
- A red frame makes it easy to see the laser beam without being disturbed by natural light and lighting.



\* The red line indicates the laser beam.

## Easy-to-view Screen



The cutline of the low beam and the center of the light can be displayed clearly. Moving the screen further forward increases visibility. (\* Compared to the previous model)

## Support for Fog Light Measurement



Light measurement heights of maximum 120 cm and minimum 25 cm are supported. Fog light measurement is also supported.

Low beam

Light distribution pattern of a Z-beam, etc.

New light sources such as HID and LED

The industry's first!

Cost Has Been Reduced by Specializing in the Low-beam Light Measurement

This low-beam headlight tester is recommended as a combination tester to users who are currently using a high-beam headlight tester.



HL-211SL

# A Wealth of Useful Functions



The indicator is a digital display. Well-defined operation and display increase the operating performance. \* The photo shows HL-2115.



Finder type vehicle alignment device comes as standard. \* Scope type vehicle alignment device is optional.



The weight of the tester has been reduced by using a sheet metal frame for the entire body. Smooth movement increases the operating performance.



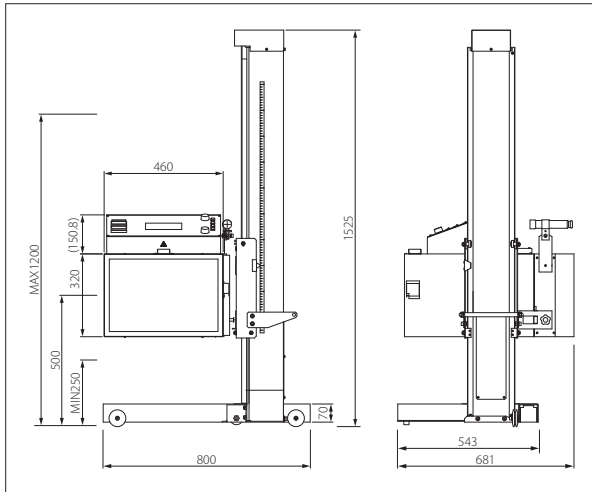
A useful convex rule comes as standard.

## Specifications

Model		HL-2115	HL-2115SL
MLIT registered model		HL-2115	HL-2115SL
Model test number		JASEA-H-35	JASEA-H-36
Measurement light		High-beam light/low-beam light	Low-beam light
Measurement method		Manual/light condensation	
Measurement distance (m)		1	
Light mounting height measurement range (cm)		25~120	
Measurement range	High beam		
	Luminosity (hcd)	0~1,200	-
	High/low irradiation direction (cm/10m)	High 20.0 to 0 to low 40.0	-
	Left/right irradiation direction (cm/10m)	Left 40.0 to 0 to right 40.0	-
Low-beam light	Luminosity (hcd)	0~400	
	High/low irradiation direction (cm/10m)	High 20.0 to 0 to low 40.0	
	Left/right irradiation direction (cm/10m)	Left 40.0 to 0 to right 40.0	
Display method	Luminosity/irradiation direction	Digital/dial type	
	Light alignment	Image screen/cross laser	
Power supply (V)		4 D batteries for power/laser	
Tester dimensions (mm)		W800xD681xH1,525	
Tester weight (kg)		Approx. 58	
Standard accessories		Auxiliary light cover x1, light receiver cover x1 convex rule x1 (supplied with the tester), D battery x4	
Standard rail dimensions (mm)		W420xL4,500	
Applicable rail width (mm)		360, 480, 550, 600	
Option		Scope type vehicle alignment device, vehicle alignment laser pointer, protection fence	

Note: If the light distribution in the horizontal part of the cutoff line is blurred or irregular, or if the light distribution in the rising part is special, correct measurement of the light may not be possible.

## External Dimensions

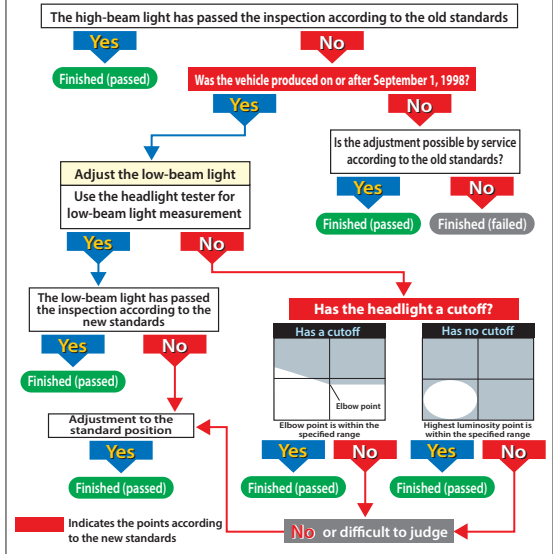


## Response to New Standards as a Result of Revised Safety Standards for the Headlights

As a result of the establishment of safety standards details by notification in the official gazette, the inspection method of the headlights was changed effective September 1, 1998, so the measurement of the low-beam was added to the current measurement of the high-beam so that the headlights are inspected by measuring the high-beam and low-beam.

If the inspection fails, the reinspection must be performed according to the new standards.  
 • If the vehicle was produced on or before August 31, 1998, the high-beam light must be reinspected  
 • If the vehicle was produced on or after September 1, 1998, the low-beam light must be reinspected.

### Inspection Flow at Service Shop



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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