SAFETY ANZEN

Tester for Low Beam

Color Image Processing Method Manual Headlight Tester

Real color Image Processing HEADLIGHT TESTER

MODEL **HLI-215**

Evolving Image Processing

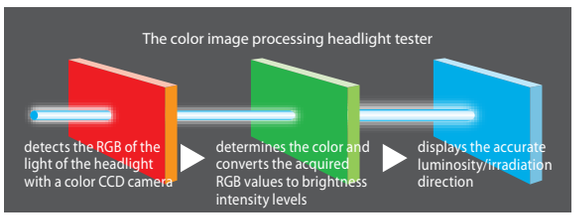
Latest Technology
RGB Color Method

High performance headlight tester equipped with a color CCD camera to determine the color shade that supports various lights and light sources

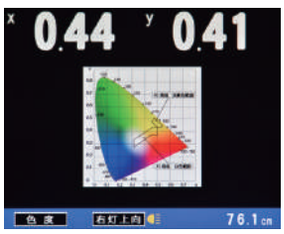
Real color
Color CCD Camera

Using Latest Technology RGB Color Method

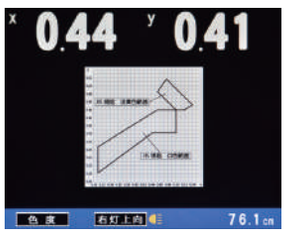
Can perform analysis close to that of human eyes by taking advantage of the characteristics of a color camera to determine the color shade of the light from the balance of the RGB values. It enhances the ability to respond to increasingly diverse new light sources and improves the measurement speed and accuracy.



Chromaticity Display Function to Allow You to Easily Determine the Color Shade of Light

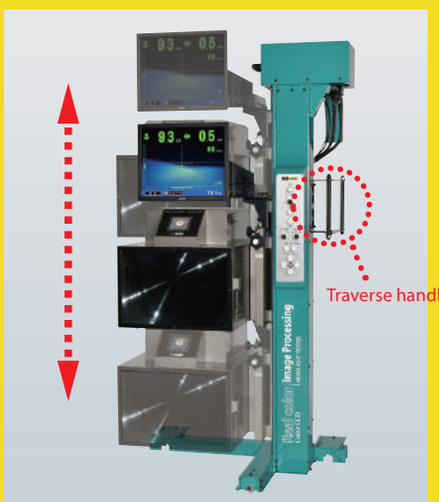


Chromaticity display screen (CIE chromaticity diagram)



JIS chromaticity screen (JIS Z8701)

- Equipped with large 17-inch monitor
- Support for fog light measurement height 25 cm
- Low beam
- Light distribution pattern of a Z-beam, etc.
- New light sources such as HID and LED
- Fog light
- Adjust mode
- Screen mode

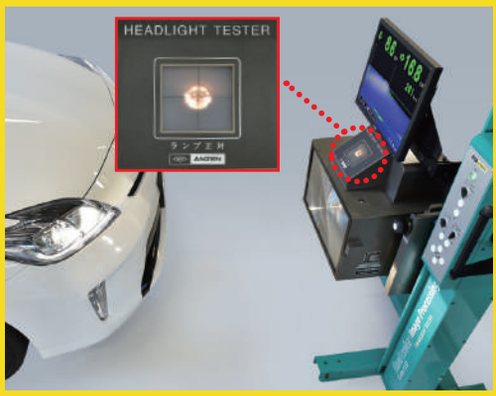


Light Receiver Moves Up and Down Electrically

The light receiver and the monitor move up and down electrically. Hold down the button to increase the speed in the upward movement. The speed can be varied.

Large Easy-to-View Alignment Screen

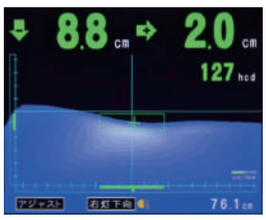
Light alignment screen arranged in front of the light receiver allows you to align the light more accurately.



Useful Functions

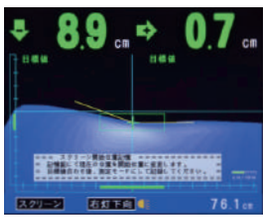
■ Adjust Mode

The target can be moved to any position for a special light for which the elbow point is hard to acquire. When the position is determined, the optical axis can be adjusted as the target follows during light adjustment.



■ Screen Mode

Adjustment to an arbitrary position can be performed by placing the virtual cutline (adjustment target) and aligning the light image with it.



Easy-to-read Measurement Results Screen

Measurement results can be checked all at once on the measurement results screen. Measurement data can be stored by pressing an operation button so work efficiency is substantially improved.

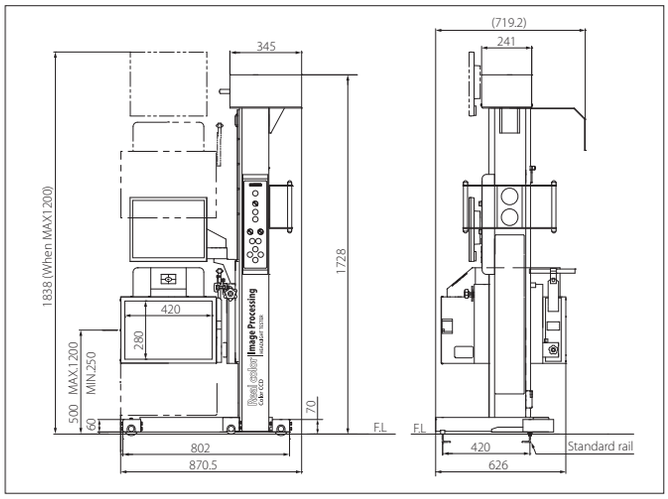
Low-beam light/high-beam light measurement results screen

Fog light measurement results screen

■ Specifications

Model				HLI–215
MLIT registered model				HLI–2015
Model test number				JASEA–H–39
Measurement method				Manual/light condensation
Measurement distance			(m)	1
Light mounting height measurement range			(cm)	25 to 120
Measurement range	Luminosity	High-beam light	(hcd)	0 to 1,200
		Low-beam light	(hcd)	0 to 1,200
		Fog light	(hcd)	0 to 1,200
	High-beam light/low-beam light			20 / 35 35 / 35
	High / Left Right / Low		(cm/10m)	
	Fog light			High 20.0 to 0 to low 35.0
Display type	Luminosity/irradiation direction			LCD digital
	Light distribution/alignment			Image/screen method
Power supply			(V/A)	AC100/5 50/60Hz
Tester dimensions			(mm)	W870.5×D626×H1,728
Tester weight			(kg)	Approx. 80
Standard accessories				Auxiliary light cover x1, light receiver cover x1, convex rule x1
Standard rail dimensions			(mm)	W420×L4,500
Applicable rail width			(mm)	360, 480, 550, 600

■ External Dimensions



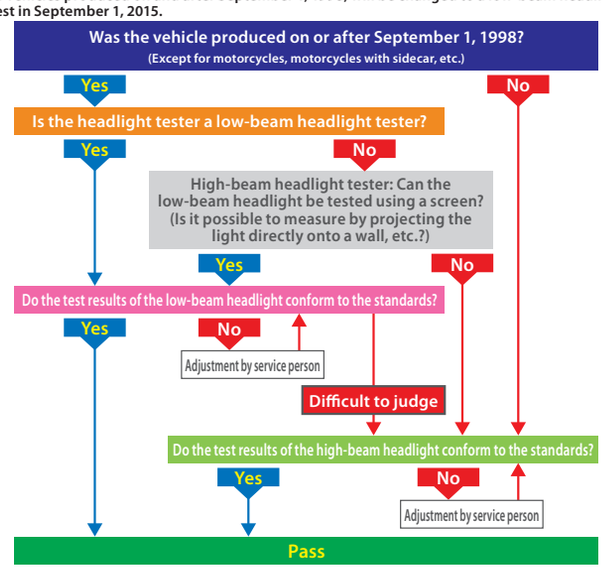
■ Option

Forward and Backward Moving Device
(Specially manufactured device)
■ The tester automatically detects the distance to the headlight of the vehicle and moves forward or backward to the measurement distance (1 m). ■ Since the measurement can be taken without moving the vehicle, the work efficiency can be improved. ■ The vehicle inspection line space also can be saved by using this device in conjunction with the 4WD-BS tester. * For details, please contact one of our sales offices.

Vehicle Alignment Laser Pointer
CD:01210152

Inspection Flow at Service Shop

As a result of a revision of the safety standards and review procedure rules, the headlight test of vehicles produced on and after September 1, 1998, will be changed to a low-beam headlight test in September 1, 2015.



* For details, visit the MLIT website.

■ 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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* The appearance and specifications are subject to change without notice.