

## DHA6108 - HEAD LIGHT TESTER

The high resolution Head Light Tester adopting the newest CCD machine vision camera and high-speed MSP (mixed signal Processing) technology, various parameters of high beam and low-beam can be measured quickly and accurately. Using CCD image processing technology, it precisely determines optical shading cut-off line and turning angle, accurately measures emission position of low-beam. With advanced embedded computer, integration of control, measurement and display makes it more reliable, installation, calibration and use more convenient. Fast photoelectric scanning positioning eliminates interfaces from heterogeneous lights, ensuring precision of automatic tracing positioning. With feature of automatic identification, it can fully test headlights with different light distribution characteristics, for vehicle series from China, European ECE, American SAE and Japanese JIS etc. Various inspections mode setting, which is practical and flexible, can be applicable on independent unit, system control or host system control. RS-232C serial communication interface and Ethernet interface make the networking more convenient

Model No : DHA6108



### Features

- Measuring Range
  - Central Height of Headlight : 50cm ~ 130cm
  - Luminous Intensity of High Beam: 0 ~ 60,000cd (100,000cd)
  - Deviation of Optical Axis of Low and High beam: Up 1° 30' ~ Down 3° (Up 20cm/10m ~ down 50cm/10m)
  - Left 3° ~ Right 3° (Left 50cm/10m ~ Right 50cm/10m)
- Luminous Intensity of High Beam:  $\pm 12\%$
- Optical Axis Deviation of High Beam:  $\pm 12'$
- Optical Axis Deviation of Low Beam:  $\pm 15'$
- Indication Error of Central Height of Headlight:  $\pm 1\text{cm}$
- Inspection Distance: 1m
- Power Supply: AC220V  $\pm 10\%$  50Hz  $\pm 1\text{Hz}$
- Outer Dimension: 800MM (W) x 1,650MM (H) X 600M (D)