

DHA800 - MANUAL HEADLIGHT TESTER

Model No : **DHA800**



The high resolution head light tester adopting the newest CCD machine vision camera and highspeed 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 features of automatic identification, it can fully test headlights with different light distribution characteristic, for vehicle series from China, European ECE, American SAE, and Japanese JIS etc.

Various inspections mode setting, which is practical and flrxible, can be applicable on independent unit, system control or host system. RS-232C serial communication interface and ethernet interface make the working more convenient.

Features

Measure light intensity of high beam

Manually observe the central deviation of the optical Axis of headlight

Manually observe the relative position of the turning Point of the cut-off light of low beam.

Manual measure the height of headlight

Measuring Range

Central height of headlight: 50cm~130cm

Light intensity : 0~60,000cd (standard)

0~120,000cd (maximum)

Dimension

590mm(W) 1810mm(H) 590mm(D)

Net weight : 30kg

Resolution

Light intensity of high beam : 100cd

Operation condition

Environmental temperature : 5~40° C

Relative humidity less than 95%

Atmosphere pressure : 70.0~106.0KPa

Indication error

Light intensity of high beam : 12%

Measuring distance : 30~50cm

Power consumption : < 0.5W (for complete machine)