



# WHT-A200 Automatic Headlight Tester

- ★ **Measurement Items**
- Luminous Intensity**
- Elevation**
- Optic Axis Deviation**

- ★ With new technology of CMOS machine vision camera and high-speed DSP(Digital Signal Processor), all parameters of high-beam and low-beam are tested accurately and automatically.
- ★ With strong software function and LCD display, inspection, calibration and adjustment can be completed quickly.
- ★ Light Image Alignment technology, external interference can be eliminated, accurate and fast follow-light aiming is ensured, high-beam / low-beam inspection takes only 40 seconds.
- ★ Only 25 seconds needed for testing 2 headlights synchronously, suitable for busy inspection stations.
- ★ Adopting frequency conversion driving, horizontal movement is steady and reliable.
- ★ Equipped with multi-inspection mode settings, standalone or upper computer can be selected, networking is convenient, flexible and practical.
- ★ With Online Adjustment and Inspection function, different customer requirements can be met.



Item	Parameters
Measuring Range	Central Height of Headlight: 50cm ~ 130cm Luminous Intensity: 0 ~ 120,000cd Deviation of Optical Axis: Up 1 ° 30 ' ~ Down 32 ° (Up 25cm/10m ~ Down 50cm/10m) Left 3 ° ~ Right: 3 ° (Left 50cm/10m ~ Right 50cm/10m)
Measurement Accuracy	Light Intensity of High Beam: ± 12% Optic Axis Deviation of High Beam: ± 12 ' Optic Axis Deviation of Low Beam: ± 15 ' Central Elevation of Headlight: ± 1cm
Inspection Distance	1m
Power Supply	AC 220V ± 10% 50Hz ± 1Hz