



QD-100

Manual Headlight Tester

Main Features and Specifications

QD-100 Manual Headlight Tester is a kind of instrument designed for measuring luminous intensity and deviation of optical axis of automotive headlights. By use of handwheel to drive the light-receiving box up and down, it manually aims at the headlight being tested, and make manual measurements. It is equipped with analogue signal output for measured parameters. The operation is easy and the measuring results are accurate. Low beam distribution characteristics can be observed on projection screen.

Main Technical Specifications

◆ Measuring Range

Luminous Intensity : 0 ~ 40,000 cd(100,000 cd)
 Deviation of Optical Axis:
 Up 1°30' ~ Down 2°30'
 (up 20cm/10m ~ down 40cm/10m)
 Left 2°30' ~ Right 2°30'
 (left 40cm/10m ~ right 40cm/10m)

◆ Measurement Accuracy

Luminous Intensity: $\pm 12\%$
 Optic Angle: $\pm 12'$

◆ Output Signal

Luminous Intensity: 0 ~ +3V
 Deviation of Optic Angle: 0 ~ +1.5V ~ +3V

◆ Power Supply: DC 6V 4 Size D battery

◆ Weight : 60Kg

◆ Dimension of The Rail Guide:

480mm(center distance) × 4,500mm(length)

◆ Outer Dimension:

710mm(W) × 1,250mm(H) × 550mm(D)

