# GO-HD6 交通及车用灯具配光性能测试系统GO-HD6
# Light Distribution Performance Test System for Traffic and Vehicle Lamps

- GO-HD6采用CIE标准A-α测量方案，专用于汽车灯、道路交通信号灯、摩托车灯、电动自行车灯、船舶灯、航标灯、农用车灯、回复反射器、逆反射材料等的配光性能精确测试。符合GB、ECE、JIS、SAE、FWVSS108联邦法规等标准测试要求。

GO-HD6 adopts CIE standard A- α The measurement scheme is specially used for accurate testing of photometric performance of automobile lamps, road traffic signal lamps, motorcycle lamps, electric bicycle lamps, ship lamps, beacon lamps, agricultural lamps, retro reflectors, retro reflective materials, etc. Comply with GB, ECE, JIS, SAE, FWVSS108 federal regulations and other standard test requirements.

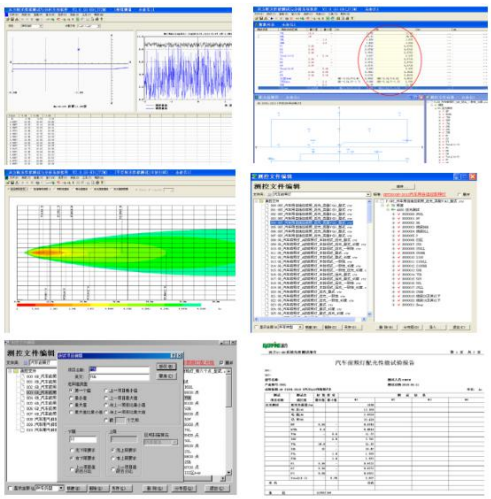
## 特点与优势 Characteristics and advantage

- 1、高端产品，全面升级
  1. High end products, fully upgraded
- 2、精度更高、测试速度更快
  2. Higher precision and faster test speed
- 3、承载能力升级，最大承载重量达75KG
  3. The carrying capacity is upgraded, and the maximum carrying capacity is 75KG
- 4、软件功能更加强大
  4. More powerful software
- 5、可以远程无线操作
  5. Remote wireless operation

- **主要参考标准：**
  Main reference standards:
- GB 4599-2007 <<汽车用灯丝灯泡前照灯>>
  GB 4599-2007<<Filament bulb headlamp for automobile>>
- GB 21259-2007 <<汽车用气体放电光源前照灯>>
  GB 21259-2007<<Headlamps with gas discharge light sources for automobiles>>
- GB 25991-2010 <<汽车用LED前照灯>>
  GB 25991-2010<<Automotive LED Headlamps>>
- GB 11564-2008<<机动车回复反射器>>
  GB 11564-2008<<Reflex reflectors for motor vehicles>>
- GB4660-2007<<汽车前雾灯配光性能>>
  GB4660-2007<<Photometric performance of automobile front fog lamp>>
- GB11554-2008<<汽车后雾灯配光性能>>
  GB11554-2008<<Photometric performance of automobile rear fog lamp>>
- GB17509-2008<<汽车和挂车转向信号灯配光性能>>
  GB17509-2008<<Photometric performance of turn signal lamps for automobiles and trailers>>
- GB5920-2008<<汽车及挂车前位灯、后位灯、示廓灯和制动灯配光性能>>
  GB5920-2008<<Photometric performance of front position lamps, rear position lamps, clearance lamps and brake lamps of automobiles and trailers>>
- GB18409-2001<<汽车驻车灯配光性能>>
  GB18409-2001<<Photometric Performance of Parking Lamps>>
- GB18099-2000<<汽车及挂车侧标志灯配光性能>>
  GB18099-2000<<Photometric performance of side marker lamps for automobiles and trailers>>
- GB 5948-2008<<摩托车白炽丝光源前照灯配光性能>>
  GB 5948-2008<<Photometric Performance of Motorcycle Filament Light Source Headlamps>>
- ECE标准：R1 R3 R5 R6 R7 R8
  ECE standard: R1 R3 R5 R6 R7 R8
- SAE标准：J584 J593 J1383
  SAE standard: J584 J593 J1383
- 美国联邦法规FMVSS108
  Federal Regulation FMVSS108

## 特点与优势 Characteristics and advantage

- **全新升级专业车灯配光分析软件：**
  Newly upgraded professional light distribution analysis software:
- 1）软件符合GB、ECE、SAE、FMVSS108联邦法规、JIS等相关标准测试要求；
  1) The software meets the test requirements of GB, ECE, SAE, FMVSS108 federal regulations, JIS and other relevant standards;
- 2）软件功能：
  2) Software functions:
  1）测量配光曲线（光强分布照度分布）、等照度曲线；
  1) Measure the light distribution curve (light intensity distribution and illuminance distribution) and the isoluminance curve;
  2）软件内置交通及车用灯具等测试标准文件库，测试只需调用即可，简单方便；
  2) The software is built with a library of test standard documents such as traffic and vehicle lamps, which can be simply called for testing;
  3）软件提供全屏配光测试功能，测试平面等照度曲线、路面等照度曲线、等光强曲线，便于设计过程中对灯具的配光性能测试分析；
  3) The software provides the full screen light distribution test function to test the plane equal illuminance curve, the road equal illuminance curve, and the equal light intensity curve, which is convenient for testing and analyzing the light distribution performance of the lamps during the design process;
  4）具有T度测量功能，分析汽车前照灯的明暗截至线；
  4) With T-degree measurement function, analyze the light and dark cut-off line of automobile headlamp;
  5）具体位置记忆功能，大大节省同类灯具测量时间；
  5) The specific position memory function greatly saves the measurement time of similar lamps;
  6）测试数据可以EXCEL格式导出；
  6) Test data can be exported in EXCEL format;
  7）开放式软件设计，极易升级扩展；
  7) Open software design, easy to upgrade and expand;
  8）软件部分功能简介：
  8) Introduction to some functions of the software:



## 技术参数 Specifications

| 技术规格 | 技术指标 |
| --- | --- |
| 自动转台 | |
| 被测灯具绕垂直轴（即 C 轴）水平转动范围（H） | -180°~ +180° |
| 被测灯具绕水平轴（即 A 轴）垂直转动范围（V） | -120°~ +120° |
| 水平和垂直转角精度 | ±0.01° |
| 最高转动速度 | 水平：50 度/秒； |
| 转台中心高度 | 1500mm±30mm |
| 被测灯具的最大尺寸 | 1600mm |
| 工作平台的垂直升降范围（z 轴） | 范围：0~600mm |
| 工作平台的最大负荷 | 75Kg |