

# 汽车零部件外观缺陷光学自动检测机



汽车零部件外观缺陷光学自动检测机最大检测速度达 10000 工件 / 小时，相当 2-4 个熟练工同时工作。该设备可快速完成工件翻转，从而实现工件正反面快速检测；该设备可采取多种上料方式，可在不同型号的工件检测之间快速切换，一台设备能够满足多种类型工件的检测，解决了同类产品一台设备只能检测一种类型工件的难题。

## Optical Automatic Inspection Machine for Auto Parts Appearance Defects

Optical Automatic Inspecting Machine for Auto Parts Appearance Defects, works at a high efficiency as 10000pcs/hr, that equal to the manual labor of 2 to 4 skilled workers simultaneously. This device is able to fast rotate workpiece for front and back inspection, and it provides multi feeding methods. Moreover, it is able to quick switch for different workpiece models, that is to say multi-model device, which solve problem one-model-only device services one model workpiece.

## 技术指标 Technical Specifications

### 检测项目 Inspection Items

上下端面的崩损、端面伤、错位、裂纹、侧面的裂纹及投影面的外观缺陷等。  
Both ends of surface chip, damage, dislocation, crack, side crack, plane of projection etc.

检测范围 Inspection Range	直径 5~35mm 厚度 5~15mm Ø 5~35mm H 5~15mm	检测要求 Requirements	工件表面干净,无油污 Clean workpiece, grease free
光学分辨率 Optical Resolution	0.03 毫米 0.03mm	平均无故障时间 Mean Time to Failure	10000 小时 10000hrs
检测速度 Efficiency	玻璃圆盘—10000 工件 / 小时 传输带—3600 工件 / 小时 Glass Disk-10000pcs/hr Belt-3600pcs/hr.	设备电源 Voltage	220 伏,50 赫兹 220V,50HZ
功率 Power	2000 瓦 2000W	设备气源 Air Pressure	0.5 ~ 0.8 兆帕 0.5 ~ 0.8MPa
尺寸 / 重量 Dimension/Weight	1.2 米 × 1.2 米 × 1.8 米 / 200 千克 1.2m×1.2m×1.8m /200kg	系统工作环境 Work Environment	温度 5℃到 30℃; 湿度小于 70 Ambient Temperature 5℃to30℃; Humidity less than 70

### 其它特性 Other Characteristics

- 1、实时显示检测状态及 NG 品数量报警。
  - 2、设备软件具有远程技术支持功能。
1. Real-time detection status, and quantity of NG products warning.  
2. Device software supports remote debugging.



尺寸测量  
Dimensional measurement

倒角  
Bevel

外侧圆周及内倒角测量  
Measurement  
circumference of outer ring  
& inner bevel

裂痕  
Rip