

齿轮外观缺陷光学自动检测机



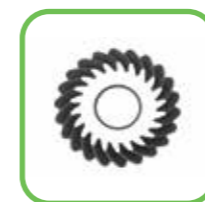
齿轮外观缺陷光学自动检测机专用于小尺寸的齿轮、斜齿等的外观缺陷检测和尺寸测量。经过客户多年使用验证,该设备性能可靠,操作便捷。操作人员只需将待测齿轮放入振动盘内,系统即可自行分检,操作简单,自动化程度高。该设备可根据客户要求增加储料仓,储存大批量工件,当振动盘缺料时,料仓会自动下料到一定位置,减少工件的加料频率。

Optical Automatic Inspecting Machine for Gear Appearance Defects

Optical Automatic Inspecting Machine for Gear Appearance Defects is exclusively used for appearance defects and dimensional measurement of small gears, helical gear, etc. Verified by years of customer use, the device is reliable and easy to operate. Operators only require to put gears into the shaking disk, and the system will sort automatically. Storage silo can be added if in need, so that large quantities of gears can be put in store to reduce feeding frequency, because the storage silo will supply material to particular position automatically.

技术指标 Technical Specifications

检测项目 Inspection Items			
裂缝、崩角、缺齿、毛刺、粘粉、尺寸测量等。 Crack, chip, teeth shortage, burr, powder stucked, dimensional measurement etc.			
检测范围 Inspection Range	直径 10~30mm 厚度 5~15mm Ø 10~30mm 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	0.05 毫米 0.05mm	平均无故障时间 Mean Time to Failure	10000 小时 10000hrs
检测速度 Efficiency	3600~7200 个 / 小时 3600~7200pcs/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	2 米 × 0.8 米 × 1.5 米 / 150 千克 2m × 0.8m × 1.5m / 150kg	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			
实时显示检测状态及 NG 品数量报警、缺料报警,支持远程调试。 Real-time detection status on display, and quantity of NG products warning, shortage material warning, supports remote debugging.			



粘粉 / Powder stucked



毛刺 / Burr



崩损 / Chip



裂纹 / Crack

