PRODUCT INTRODUCTION
产品介绍

产品—汽车制造

VVT/VCT 零部件外观缺陷光学自动检测设备

AOI Machine for VVT/VCT Parts
Appearance Defects

VVT / VCT零部件外观缺陷光学自动检测设备用于检测直径为50~110mm的VVT/VCT零部件，检测崩损、磕碰、划伤、沙孔、碎裂，漏工序等字符或标记识别、漏加工等缺陷。

设备主要特点：一是机构设计优异合理，不但有效避免工件的二次损伤，而且可以完成不同角度的照片拍摄，同时采用高精度线扫描相机，保证外侧面检测效果；二是检测速度快，检测精度高，检测性能稳定，可7*24小时连续工作；三是数据统计功能完善，实时显示检测数量及各类缺陷数量，有利于厂家及时发现问题，降低客户投诉率。

Automate Optical Inspection Equipment for VVT Parts Appearance Defects is used to detect VVT parts whose diameter is 50~110mm. It can detect crack, bump, scratch, sand hole, fragmentation, missing process or mark recognition, missing processing and other defects.

Main features: Firstly, excellent mechanical design, it can not only avoid the secondary damage of the workpiece, but also complete photography by different angles. It uses high-precision linear scan camera to ensure the effect of outer and lateral inspection; Secondly, fast inspecting speed, high inspecting precision, stable inspecting performance and 7*24 hours uninterrupted operation; Thirdly, data statistics function can display the real-time inspection quantity of defects, which contributes to finding problems for manufacturers and lower the rate of complaints.
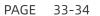
技术指标Technical Specification			
检测项目 Inspection Item	可检测：崩损、磕碰、划伤、沙孔、碎裂，漏工序等字符或标记识别、漏加工等缺陷。 It can detect crack, bump, scratch, sand hole, fragmentation, missing process or mark recognition, missing processing and other defects.		
检测要求 Requirements	工件表面干净，无油污。 Clean surface, no grease		
检测范围 Inspection Range	Ø 50~110mm，H 15~30mm		
检测精度 Precision	崩损、缺齿：0.3mm；裂纹：>0.1*1mm Chipping and lee teeth: 0.3mm; Fissure: >0.1*1mm		
平均无故障时间 Mean Time Between Failure	10,000H	检测速度 Inspection Speed	600~900pcs/h
光学分辨率 Optical Resolution	0.05 mm	电源电压 Voltage	220V,50HZ
功率 Power	2000W	设备气源 Air Supply	0.5 MPa ~ 0.8MPa
尺寸/重量 Dimension/Weight	1.2m*1.2 m*1.8 m / 300kg		
工作环境 Work Environment	温度：5℃~ 30℃ 相对湿度：<70%Rh Temperature: 5℃~30℃ Relative Humidity: <70%Rh.		
其它特性 Other Characteristics	1、实时显示检测状态及NG品数量报警； 2、设备具有检测数量统计、缺陷类型统计功能，检测数据可导出； 3、软件具有远程技术支持功能。 1. It displays the real-time detecting status and alarms of NG products. 2. It has statistic function and the data can be exported. 3. It supports remote debugging/technical support.		