



高速滴丸外观缺陷 光学自动检测设备

Automatic High-Speed Optical
Inspection Equipment for Appearance
Defects of Dropping Pills

设备特点

- 专用于滴丸外观缺陷检测,常见缺陷包括气泡、空丸、实心、斑点、偏大、偏小、混料、黑点、圆度不饱满、拖尾、混色等。
- 新增机械旋转工艺,实现了 360 度全面检测。
- 采用多通道并行检测,有效提升了检测速度,最低检测速度为 40 万粒 / 小时。
- 可定制单缺陷检测机型,检测速度为 80~100 万粒 / 小时,已达到国际检测水平。
- 可扩展机械筛选功能,防止异形的滴丸扰乱后道工序的检测环境。
- 自动上料、排序、拍照和 NG 品分拣。
- 操作界面采用工业触摸屏,操作简易,降低了对工人文化水平的要求。
- 实现 7 x 24 小时连续生产。

Equipment Characteristic

- Commonly used for appearance defects detection of dropping pills, whose common defects includes bubble, empty capsule, solid, rust, oil leakage, large size, smaller size, mixed up, black spots and out of roundness, etc.
- Add a new industrial rotation mechanism, to achieve 360-degree comprehensive inspection.
- Adopt multi-channel parallel detection, effectively improve inspection speed, the minimum detection rate as of 400,000pcs/h.
- Machine model for single defect detection can be customized, detection rate as of 800,000~1,000,000 pcs / hour, which has reached the international inspection level.
- Mechanical sorting function can be extended, to prevent the deformation capsule from disturbing the testing environment of afterwards procedure.
- Automatically loading, sorting, photograph and NG sorting.
- User friendly industrial touch screen interface is adopted for easy operation.
- Enable to run 7x 24 hours continuously.

Company Add

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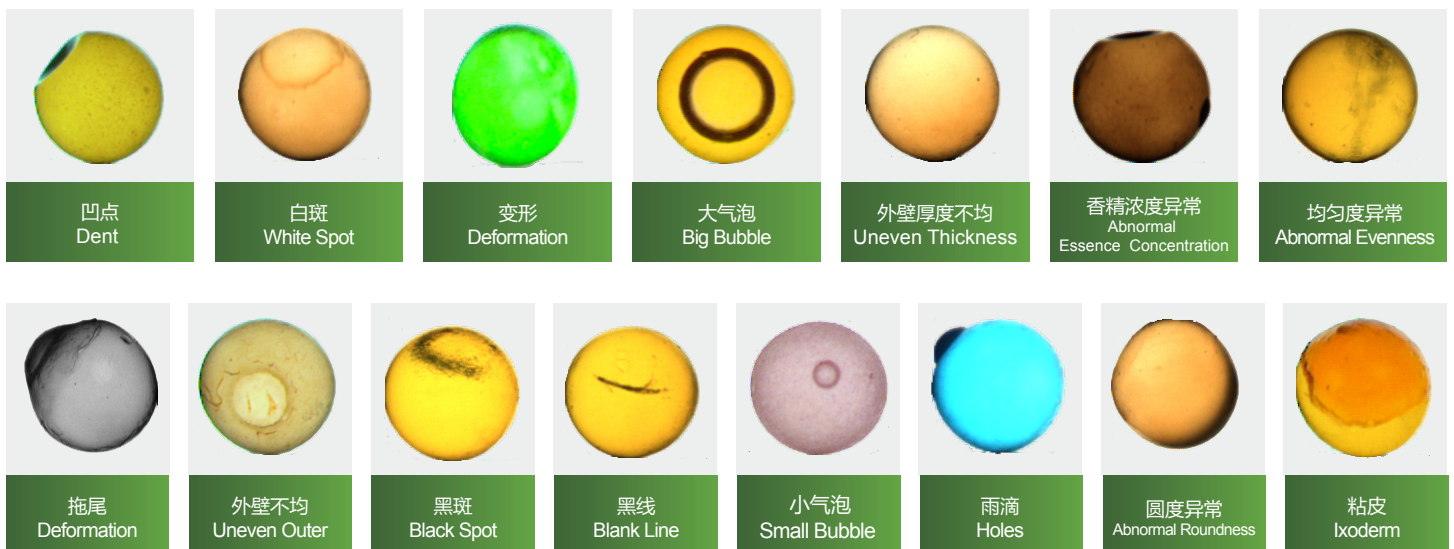
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Factory Add

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技术指标 Technical Specifications

检测项目 Inspection Items	气泡、并丸、带帽丸、空丸、实心、斑点、拖尾、小洞、偏大、偏小、混料、黑点、破洞、圆度不饱满、混色等外观缺陷 bubble, double capsule, empty capsule, solid capsule, spots, deformation, tiny pore, large size, smaller size, mixed up, black spots, holes, out of roundness, mixed-up colors, etc.		
检测范围 Inspection Range	Φ 2-4mm(需分档 / need to grade)		
分辨率 Resolution	0.03mm		
最小缺陷尺寸 Minimum Defects Size	0.2mm	平均无故障时间 Mean Time Between Failure	10,000 H
检测速度 Inspection Speed	>400,000 pcs/h	电源电压 Voltage	220 V , 50 HZ
功率 Power	2000 W	尺寸 / 重量 Dimension/Weight	1.5 m*0.8 m*1.8 m / 200kg
设备气源 Air Supply	0.5MPa ~ 0.8MPa		
主机工作环境 Work Environment	温度: 5°C~30°C; 相对湿度: <70%RH Temperature: 5°C~30°C; Relative Humidity: <70%RH		
其他特点 Other Characteristics	1、实时统计滴丸尺寸且采用正态分布图直观显示; 2、实时显示检测状态及 NG 品数量报警; 3、软件具有远程技术支持功能。 1、Real-time display the dropping pills size with normal distribution map; 2、Real-time display status of detection and alarm the quantity of NG products; 3、Support remote support.		



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