

# 硬胶囊外观缺陷光学自动检测机



- 可实现胶囊 360 度全检，包括胶囊两头，无盲区，准确率高。
- 可实现透明胶囊、半透明胶囊、有色胶囊、植物胶囊等所有检测。
- 可实现检测标准分级，客户自行选择胶囊缺陷检测标准以适应不同质量要求。
- 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。
- 采用进口气动元件，气动元件寿命是国产的三倍。
- 采用最新嵌入式无风扇工业计算机，体积小，消除因环境因素造成的计算机死机故障；
- 影像系统和传动系统电气隔离，并采取电气双保险，以保证精密元器件不受损坏；
- 能够 24 小时连续生产且噪声小于 65 分贝，机身温度保持常温。

## Optical Automatic Inspecting Machine for Hard Capsule Appearance Defects

- Distinctive features of 360 degree all-round inspection, covering both ends of capsule, with high accuracy.
- Applicable to transparent capsules, semi-transparent capsules, color capsules, and plant capsules.
- Changeable inspection standards to suit individual customer quality need.
- User friendly industrial touch screen interface is adopted for easy operation.
- Reliable imported pneumatic components are used, and the service life is three times longer than local counterpart.
- Small embedded fan-less computer is employed to overcome system crash problems caused by environmental factors.
- Image system and drive system are separated with double layers electrical protection in order to prevent delicate components from being damage.
- Able to run 24 hours constantly and maintain low noise level (less than 65dB).

# 技术指标 Technical Specifications

检测项目 Inspection Items			
黑斑、气泡、破口、破洞、裂缝、切丝、双套、帽短、帽长、短体、长体、内部异物、厚薄不均、单片、生胶、混丝、皱皮、梅花头、顶凹、变形、混色等。 Black spots, bubbles, breach, holes, crack, shred, double cap, short cap, long cap, short body, long body, foreign bodies inside, uneven thickness, single piece, crude rubber, thread mixed, crinkled leather, star pattern, pitted top, deformation, etc.			
检测规格 Detection Specifications	00#、0#、1#、2#、3#、4#		
检测精度 Detection Accuracy	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	≥10万粒/小时 ≥100000pcs/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	1.8米×0.8米×1.5米 / 200千克 1.8m×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
设备功能 Function	实现多种型号工件的外观缺陷检测。 Able to perform appearance detection for different workpiece models.		
其它特性 Other Characteristics	实时显示胶囊外观质量和检测状态，设备故障、缺料自动报警，且支持远程调试。 1. The device displays appearance quality of capsule and inspection status in real time. 2. Warning for device failure and input material shortage. 3. Support remote debugging.		

