

HBQ-G421 激光高度视觉检测台

HBQ-G421 Laser Height & Visual Inspection Machine

◆产品介绍

HBQ-G421 是一种保险丝盒视觉高度检测设备,主要用于电器盒保险丝、慢熔保险、继电器视觉识别以及高度识别,高度结果数据可实时上传 MES 系统,生产日志可查询,以供追溯。

HBQ-G421 is a machine for fuse box height measurement and visual inspection, mainly used for electrical box fuse, s-melted fuse, electric relay visual identification and height identification.



Product data can be uploaded to the MES system in real time, production logs can be queried for traceability.

设备具备多种应用场景,视觉配方和高度检测配方可据实际需求 DIY 调整,应用扫码读取产品可选:无条码、固定条码、无固定条码、有规则系列条码四种方式。设备具备防错防呆功能,设定的产品视觉不良或高度不良,设备则自动锁住产品并报警,需授权人员方可解锁,可有效避免不良品流入下一工序。广泛适配各系列标识产品,上位机程序软件为海昌智能自己开发,可极大的满足客户定制化需求。

The equipment can be applied in diverse circumstances, the visual date and height inspection data can be adjusted according to actual needs. With application of bar code scanning, the following modes can work: no bar code, fixed bar code, no fixed bar code, regular series bar code. With anti-error and anti-stay function, if the product process setting finished or the pressure failure, the machine will automatically hold the product and alarm, only authorized personnel can unlock it. It effectively prevents bad products from flowing into the next process. It is widely suitable for various products, and the upper computer program software owned and developed by Hacint, which can greatly

meet customers' requirements.

◆产品特点

○智能化防错

- ①视觉检测: 对产品执行视觉检测, 可识别字符, 颜色, 形状, 黑白有无等;
- ②高度检测: 对产品执行激光高度检测, 可通过激光判定产品高度;
- ③失效报警: 根据产品要求可判定产品视觉不良和高度不良状态。
- ④扫码识别: 使用扫码枪快速识别产品, 绑定视觉高度配方;
- ⑤治具切换: 采用快换式及配方自定义, 可实现快速换型。

Intelligent Error Proof

Visual inspection: Perform visual inspection to identify characters, colors, shapes, black or white, and so on;

Height Detection: Laser height detection of the product, which can determine the height of the product by laser.

Failure alarm: defective status of the product according to the product requirements.

Scanning Code: the barcode scanner quickly identifies the product to confirm visual and height inspection articles;

Fixture switching: adopting quick-change type and article customization

○便捷式操作

- ①配备物料储备区, 方便物料的存放与取用;
- ②目视化软件管理, 问题原因快速识别;

Convenient Operation

Equipped with material reserve area to facilitate the storage and access of materials;

Visual software management, quickly identify the problem causes.

○操作安全性



设备采用全封闭式结构，安全门具备传感器识别最大化保证人员安全；

Safety

The machine adopts a fully enclosed structure, the sensor identification of the safety door to well guarantee the safety.

◆产品参数

Specifications

型号 Type	HBQ-G421
操作系统 Software	PC WIN10(系统), HACINT 控制软件 PC WIN10, HACINT control software
工控机 IPC	西门子 SIEMENS
高度检测精度 Height Inspection Accuracy	±0.5mm
效率 Efficiency	单点 3-5s/15 点位 (根据产品不同有变化) Single 3-5s per 15 points (depend on products)
噪声 Noise	<60 db (A)
扫码功能 Code Scanning Function	有 Standard
配方 DIY Article DIY	支持 Standard
视觉检测部件 Visual Inspection Unit	德国巴斯勒 Germany Bassler
接口类型 Interface	USB, RS232
功率 Power	1200W
电源 Power Supply	220V/50Hz



气源 Air Supply	0.5Mpa
重量 Weight	约 800kg
外观尺寸 (长*宽*高)	1800x1000x2200, (工作台高度≈880, 单位: mm)
Dimension (L*W*H)	1800x1000x2200, worktable height≈880mm