



DIP 炉前 AI AOI

DIP Pre-wave soldering AI AOI

- ◇ 免设置参数的AOI
- ◇ 极速编程 10分钟上手
- ◇ WITHOUT SETTING PARAMETERS
- ◇ 10 MINUTES RAPID PROGRAMMING

系统辅助极速建模, 无需设置任何参数, 一键智能搜索80多种器件

The system assists create template rapidly , without setting any parameters, one key intelligent search more than 80 kinds of components

智能辅助建模 Intelligent assist creating template

- ◆ 极速建模, 无需设置参数
The system assists create template rapidly , without setting any parameters
- ◆ 一键智能搜索80多种器件
One key intelligent search more than 80 kinds of components

易用性 Usability

- ◆ 无需设置参数;上手快
No need to set parameters; Easy operation.
- ◆ 在线抓拍首件板系统辅助做程序, 自动框图比例高
Support continuous complementary learning, higher proportion of automatic modeling after learning (80%+)
- ◆ 支持持续补充学习, 学习后自动建模比例更高 (80%+)
Online capture the first board system assisted to edit the program, high proportion of automatic block diagram
- ◆ 根据客户要求, 支持自定义器件名称
Support to customize the model name according to customer requirements
- ◆ 支持快速更改工单号
Support quick change of work order number
- ◆ 支持批量复制, 粘贴, 剪切, 删除等快捷键操作
Support batch copy, paste, cut, delete and other shortcut key operations

远程调试/离线编程 Remote debugging/offline programming

- ◆ 支持客户离线编程, 客户远程调控, 远程调试
Support customer offline programming, customer remote control and debugging

学习 Learning

- ◆ 支持系统学习训练, 学习越多效果越好
Support system learning training, the more learning the better effect
- ◆ 支持本地学习
Support local learning

局部检测 Local detection

- ◆ 支持器件本体大部分特征相同, 仅局部有差异的器件检测
Support most of the device body features are the same, only local differences in the device detection

设备参数 EQUIPMENT PARAMETERS

设备其他功能 Other Functions	Alpha Z400U
SPC	提供实时实用的统计分析数据, 提供多样统计分析图(ID错误频率、名称错误频率、直通率等) Provide real-time and practical statistical analysis data, and provide various statistical analysis maps (ID error frequency, name error frequency, pass-through rate, etc.)
追溯 Trace	支持按照条码、二维码、机型、时间等维度追溯支持MES系统对接, 可实时输出 Support traceability according to bar code, QR code, equipment model, time. Support MES system connecting, real-time output
多机种共线生产 Multiple machine-based collinear production	可支持6种机型同时过流水线, 程序自动调用 Support 6 equipment models at the same time going through the workline, program automatic call
多拼板检测 Multi-panel detection	实时输出整板检测结果, 同一机型不同治具间距变化可正常混合测试 Real-time output of the whole board test results, the same model of different treatment equipment spacing changes can be normally mixed test
远程操控 Remote Control	同一台设备可以远程操作不同车间或者不同产线的多台设备 The same equipment can remotely operate multiple equipment in different workshops or different production lines
替代料添加 Alternative material added	添加子模板, 即可添加替代料Add a subtemplate and add substitutes
条码识别 Barcode identification	支持主流条码识别 Support for mainstream barcode recognition
NG 板停线功能 NG board stop line function	支持流水线启停控制, 软件控制, 无需跑马灯且客户可自由指定不良品停板位置; Support assembly line start-stop control, software control, no running lights, and customers can freely specify the stop board position of bad products
多工位显示 Multi-station display	支持多工位显示Support for multistation display
语音播报 Voice broadcast	支持多工位语音播报、自定义语音播报内容Support multistation and custom voice broadcast content
通讯方式 Communication mode	支持标准接口、定制接口Support for standard interface and customized interface
远程调试/离线编程 Remote debugging / Offline programming	支持客户离线编程、客户远程调控、远程调试 Support customer offline programming, customer remote control, remote debugging
不良品展示 Displays of defective products	一听二看三聚焦: 一听、声音提示不良; 二看、浮图显示不良图; 三聚焦、不良品显示红框 Listen, defective sound prompt; Look, defective floating chart; Focus, red frame for defective products
性能参数 Parameters	
设备类型 Type	落地式 Floor Type
检测方法 Inspection Method	卷积神经网络、先进深度学习模型、计算机视觉、图形图像处理 Convolutional neural network, advanced deep learning models, computer vision, graphics and image processing
程序制作 Program Editing	新机种15分钟内 Within 15 minutes for new machine
程序debug时间 Program Debugging Time	15分钟以内 Within 15 minutes
最小可测元件 Minimum Measurable Component	长*宽 (L*W) 25.0mm*5.0mm
检测速度 Detection Speed	5s/FOV
最小电路板可测尺寸 Minimum Size of Measurable Circuit Board	长*宽 (L*W) >50mm*50mm
最大电路板可测尺寸 Maximum Size of Measurable Circuit Board	宽400mm, 长度不限; 可选配宽度750mm, 长度不限 Width: 400mm, Length: no limited Width: 750mm, Length: no limited
摄像头分辨率 Camera Resolution	20MP全彩或1200W全彩根据应用环境选配 20MP or 1200W color According to different environments
像元尺寸 Pixel Size	2.4um(20MP全彩), 3.45um(12MP全彩) 2.4um (20MP color) ; 3.45um (1200W color)
安装方式 Install Method	落地式嵌入产线安装, 无需改动流水线, 快速便捷 Floor type embedded production line installation, no need to change the assembly line, fast and convenient
设备精度 Equipment Accuracy	2通常物距为300mm, 精度为66um
系统设备 System	
操作系统 Operating System	Windows10
控制系统 Control System	上位机控制 Host computer control
系统设备 Configuration	CPU: intel i5 9代GPU显存: 6G或8G内存/存储: 16G DDR4/2T CPU: Intel i5 9 generation GPU Graphics Memory: 6G or 8G Memory / storage: 16G DDR4/2T
外观尺寸电气 Appearance	
工作电压 Voltage	200V-230V AC 50/60Hz
电源功耗 Power consumption	MAX560W
温度/湿度 Temperature / Humidity	工作温度0-45°C, 20%-80%RH无冷凝 Working Temperature 0-45°C 20%--80%RH No condensation
整机重量 Weight	130Kg(不同配置略有差异) 130KG (Different configurations vary slightly)
外观尺寸 Appearance Size	长*宽*高=710mm*670mm*1450mm 注: 以上长度不含显示器580mm长度, 显示器支架伸缩距离为320mm-650mm (Note: The above length does not include the 580mm display, and the expansion distance of the display support is 320mm-650mm)