

## KEYAN-K6 稳定可靠的多面手

Flexible assistant for multi-variety production

专注于汽车电子、工业控制模块等领域，以高精度和稳定性确保每一块PCB板的印刷一致性，为高可靠性产品提供坚实保障。

Specializing in automotive electronics, industrial control modules and other fields, we ensure the printing consistency of each PCB board with high precision and stable performance, providing a solid guarantee for high-reliability products.



±0.015mm高精度 ±0.015mm high precision

稳定对位精度，确保印刷一致性，降低返工率20%。  
Stabilizes alignment precision, ensures printing consistency and reduces rework rate by 20%.



双刮刀气动控制 Pneumatic control of double scraper

0.5-10kg气动刮板压力调节，适应多种锡膏类型，印刷效果更均匀，适应多样化生产。  
0.5-10kg pneumatic scraper pressure adjustment, adapting to a variety of solder paste types, printing effect is more uniform, adapting to diversified production.



三重清洗保障 Triple cleaning guarantee

干、湿、真空清洗模式，刮网寿命延长30%，维护成本更低。  
Dry, wet and vacuum cleaning modes, squeegee life extension by 30%, lower maintenance cost.



稳定耐用 Stability and durability

手动调节顶升平台，操作简单，设备稳定性提升25%。  
Manually adjustable jacking platform, easy to operate, equipment stability increased by 25%.



### 汽车电子稳定生产

汽车电子、工业控制模块等对稳定性要求高的领域。



## 详细参数

Detailed Parameters

其他功能 (选配): 点胶, 自动加锡, 锡膏余量检测, 3D SPI检测  
Additional Functions (Optional): Dispensing, Automatic Solder Addition, Solder Paste Volume Detection, 3D SPI Inspection

### 性能

Machine Performance

视觉定位精度 Visual alignment accuracy	±0.015mm
重复印刷精度 Print accuracy	±0.015mm
印刷周期 (不含印刷时间) Printing cycle (Printing time is not included)	< 10sec/CP

### 印刷参数

Printing Parameters

印刷刮板 Squeegee	0-10mm/s
印刷模式 Printing mode	单刮刀/双刮刀印刷 (气动) Single/double doctor printing (pneumatic)
刮刀压力 Squeegee pressure	0.5-10kg
刮刀角度 Squeegee angle	斜角型 45°/90° Standard type 45°/90°
印刷速度 Print Speed	10-100mm/sec
印刷行程 Printing stroke	50mm-520mm
制网板尺寸 The template frame size	470mm*70mm-800mm*800mm
清洗方式 Cleaning method	干、湿、真空 dry, wet and vacuum

### 视觉系统

Vision system

相机 Camera	高帧率CCD图像处理器 High frame rate CCD image processing camera
识别原点 Identify the cardinal point	圆形、方形、文字、槽道及异形 Round, square, character, slot and special-shaped
识别方式 Image method	单眼、双眼、激光 (可完全关闭相机) Single photo, double photo, laser (can be turned off completely)
检测功能 Detection function	2D 视觉检测 2D visual inspection
系统功能 System Function	在线检测 Online Code

### PCB基板处理

PCB base board processing

最大基板尺寸 Maximum board size	600*400mm
最小基板尺寸 Minimum board size	50*50mm
基板厚度尺寸 Board thickness	0.4-8mm
最大重量 Maximum board weight	10kg
传输高度 Transmission height	100±40mm
传输速度 Transfer speed	1200mm/sec (MAX)
传输方式 Transfer direction	一段式运输路线 One-piece transport route
传输方向 Transfer Direction	左-右, 右-左, 右-左, 右-右 软件控制 Left-right, right-left, left-right, right-right software control
基板夹持 Board clamp	自锁式夹板 Self-locking clamping plate
支撑方式 Support method	磁性顶针, 磁性顶块 (手动调节顶升平台) Magnetic ejector pins, magnetic ejector blocks (manually adjusted jacking platform)

### 设备详情

Device details

平台校正范围 Platform correction range	X: ±3mm; Y: ±7.5mm; Z: ±2"
功率电源 Power supply	AC 220V 50/60Hz 单相20A AC 220V 50/60Hz single phase 20A
环境湿度 Ambient humidity	25%-65%
环境温度 Ambient temperature	+18°C-50°C
设备尺寸 Device dimensions	长1220*宽1215*高1610mm
进气压力 Inlet pressure	4-6kgf/cm <sup>2</sup>
换线时间 Changeover time	< 5min
设备重量 Device weight	800kg