LK-AP500/1000

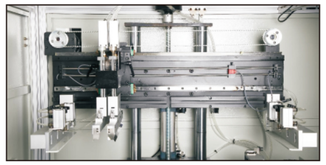
无导线灯带全自动锡膏印刷机

Wireless LED Strip Light Full-auto Solder Paste Printer

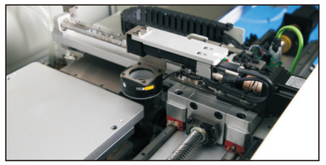
专利的数学运算模式，确保机器实现高精度的对位，印刷精度可达±0.05mm。
专用数控调节顶升平台：结构精准可靠，调节方便，可快速实现各类不同厚度灯带的印刷。
图像及光路系统：全新的光路系统，均匀的环形和高度的同轴光，配以均可无极调节的亮度功能，
使得各类型的Mark点均可被很好的识别。
刮刀的压力、升降速度、印刷速度、印刷范围均可快速调节，以及刮刀可快速地取下进行锡膏清洁等，
为设备操作人员提供了一个良好的印刷控制平台。

Patented mathematical operation mode, to ensure the machine to achieve high precision, printing accuracy up to 0.05mm.
Special CNC adjustment platform: accurate and reliable structure, convenient adjustment,
can quickly realize the printing of all kinds of FPCB of different thickness.
Image and optical path system: the new optical path system, uniform ring and high coaxial light,
with the brightness function can be adjusted without pole, so that all types of Mark points can be well recognized.
Pressure, up and down speed, printing speed, printing range of the scraper can be quickly adjusted,
and scraper can be quickly removed for paste cleaning, providing a good printing control platform for equipment operators.

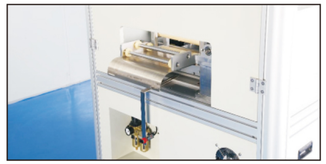
- 三菱运动控制CPU
- Mitsubishi Motion control CPU



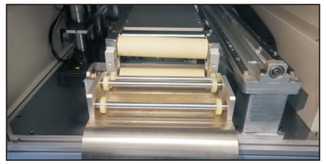
- 快速钢网装夹系统
- Fast Stencil clamping system



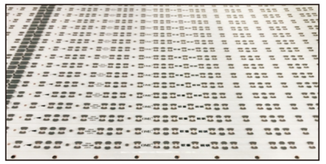
- 图像及光路系统
- Image and Optical System



- 伺服控制进板系统
- Servo Control PCB Loading System



- 伺服扭矩张紧系统
- Servo torque tensioning System



- 印刷效果
- Printing Performance

技术参数 Features

型号(Model)	LK-AP500 / LK-AP1000
钢网/Stencil	
钢网尺寸/Stencil Size	800*450mm / 1450*450mm
钢网网框厚度/Stencil Thickness	12-40mm
PCB	
PCB-尺寸/PCB Size	长:无限制 宽 :250MM Width:250MM Length: No limitation
PCB-厚度/PCB Thickness	0.05-1.2mm
PCB支撑方式/PCB Supporting Method	高平整度铝板（os6061） High flatness aluminum plate (os6061)
PCB夹紧方式/PCB Clamping Method	气缸压紧+伺服扭矩张紧（实时更新张紧力度） Air cylinder + Servo torque tensioning(Update tension strength in real time)
传送方式/Transmit Mode	
传输高度/Transport Height	900±100mm
送板速度/Transport Speed	500mm/s（可软件设置/Adjustable）
进板方向/PCB Loading Direction	左→右，右→左（设备组装时确定，不可改） Light to right,or right to left(Be set while manufacturing)
进板方式/PCB Loading Method	模组拖拽+伺服辊轴 Drag by module + Servo Roller
联机方式/Connection Method	进板位置和出板位置均为本机感应信号 The position of PCB Loading and PCB Unloading are the induction signals of the machine
控制方式/Control Method	PC+三菱运动控制CPU PC + Mitsubishi Motion control CPU
印刷/Printing	
印刷头/Printing Head	气缸（可调行程：0-50MM） Air Cylinder(The adjustable stroke:0-50MM)
刮刀速度/Scraper Speed	10-200mm/sec
刮刀类型/Scraper Type	快拆式钢片刮刀（角度45°） Detachable steel blade scraper(Angle 45°)
清洗方式/Cleaning Method	可设定次数提醒人工清洗 Can be set in a certain number of printing to remind manual cleaning
相机纠偏范围/Camera Scanning Range	±5mm
重复定位精度/Repeated Positioning Accuracy	±0.02mm
印刷精度/Printing Accuracy	±0.05mm
印刷周期/Printing Cycle	≤16sec
操作系统/Operation System	Win7
工作要求/Working Requirements	
换线时间/Time for Switch Line	≤5min
主供气源/Air Consumption	5-6Kgf/cm²
主供电源/Power	AC220V±10%,50/60Hz，2.5KW
外形尺寸/Dimension	L1700*W1100*1950(mm) / L2500*W1100*1950(mm)