Tekyong Series
锝永产品系列

TEKYONG

锝永产品系列
Tekyong Series

提高印刷品质，从刮刀做起！
OPTIMIZE PRINT QUALITY,BEGIN FROM SQUEEGEE!

TEKYONG

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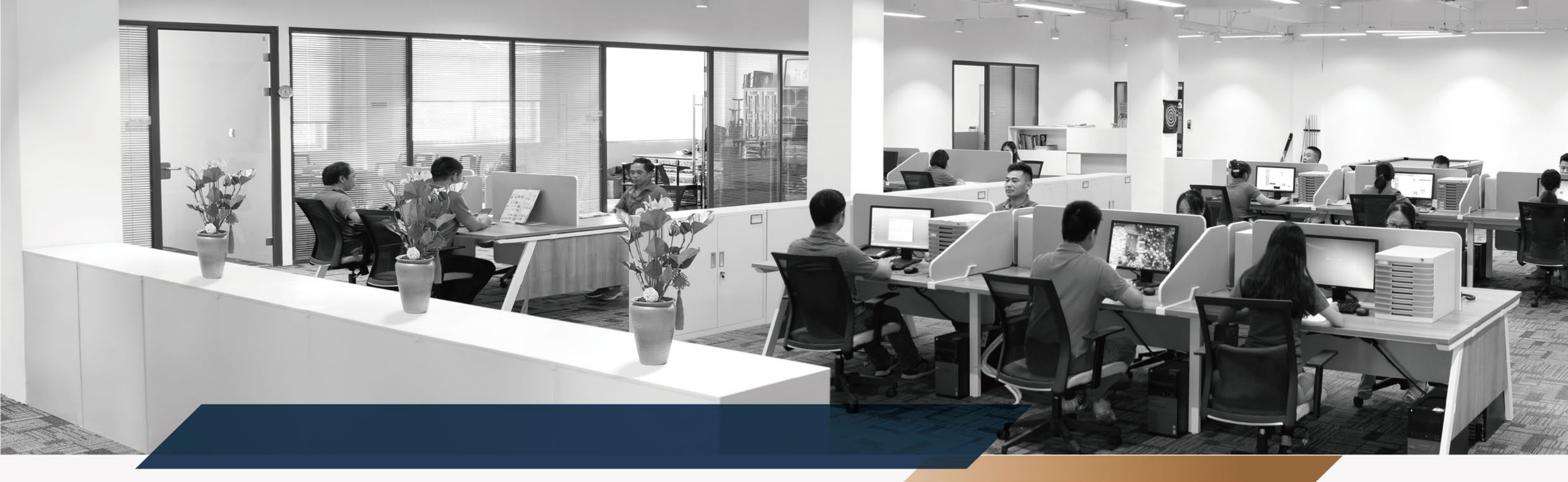2nd industrial estate,Lianhu,Tangxia town,
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关注公众号

Tekyong, founded in 2007 year, belong to South Jayong Group,which company is a specialized R&D , Manufacturer of SMT process improving product.Our company has a number of SMT professional R&D team and high-quality service team. According to Tekyong Squeegee development in last ten years, we design more patented products for SMT process improvement: ASM-600 Squeegee Cleaning Machine,ST2 Squeegee Inspection Instrument,SMS100 Squeegee Management System BST-300 PCB Intelligent Support System etc.

Tekyong always adheres to the idea of " To improve the quality of printing" and integrates innovation spirit into the development and production of squeegees. At present, it has more than fifty patents.

In order to strengthen its product concept, establish a good identification image in the market competition, highlight the personality characteristics of the product specially designed and selected an affinity mascot with special spiritual connotation "Jia Jia" to shape the brand image of Tekyong, transmission of Tekyong product concept.

BRAND INTRODUCTION
品牌介绍

　　锝永，创立于2007年，是南部佳永旗下子品牌，致力于SMT工艺改善产品的研发制造。公司拥有一批SMT行业的资深研发人员和高素质的服务队伍。历经十余年锝永刮刀的持续改良，从而研发了更多改善专利产品：ASM-600刮刀卫士、ST2刮刀检查机、SMS100刮刀管理系统、BST-300智能板支撑等。

　　锝永秉承"旨为提高印刷品质"的理念，将创新精神融入贯穿研发、生产之中，目前拥有五十多项专利。

　　公司为强化自身的产品理念，在市场竞争中建立良好的识别形象，突出产品的个性特征而选择设计有亲和力的、具备特殊精神内涵的吉祥物"佳佳"，以塑造锝永品牌形象，传递锝永产品理念。

TEKYONG SQUEEGEE
锝永刮刀

升级版二代刮刀
Updated Version of the Two Generation Tekyong Squeegee

一代刮刀
The One Generation Tekyong Squeegee

提高印刷品质，从刮刀做起！

锝永刮刀是我司自主研发的专利产品，打破传统设计理念，改善了产品的视觉效果，采用专用铝型材，大大减轻了刮刀的重量，也降低了操作员因重失手摔坏的概率。2代锝永刮刀，采用磁性反槽固定方式，使得安装及清洁更加迅速和便利，相比1代锝永刮刀，在锡膏外溢、锡膏固化、刮刀沾锡等方面大大得到改善。锝永刀片采用瑞士进口弹簧钢，具备良好的抗弯曲能力、扭曲能力、刀片即使在反复使用10万次以上仍保持最初的原始状态，更好的保障了印刷效果。锝永刮刀印刷出来的电路板饱满、完整、一致性好、无塌陷、打尖、桥接及虚焊等现象。

Optimize print quality,begin from Squeegee!

Tekyong squeegee is the patent product developed by our company which broke through the traditional design concept and improved the visual effect of the product. It adopted special aluminum profiles which greatly reduce the weight of squeegee and also the Broken probability by operator due to the heavy. The Tekyong squeegee generation 2 used the magnetic reverse fixed slot style which made the installation and cleaning be more fast and convenience and compared with generation 1, it gets greatly improvement in solder paste spillover, solder paste curing,solder wetting and other aspects. The squeegee adopts the Swiss imported spring steel which has the bending and distortion resistance abili-ty. The blades will keep the original status even over 100 thousand times repeat using and also ensures the printing quality. The printed circuit board done by Tekyong squeegee is full,complete,consistent,no dent,bridging joint ,Pseudo Soldering and others problems.

产品特征 | Product Feature

刀架材质采用专用铝型材，轻便、美观、简单、耐用，可随意设置刀片长度。刀片固定方式 采用磁性反向固定法，勿需镙丝锁付，最大程度上节省了更换刀片和清洁的时间。

Knife support made of the special aluminum section is light, beautiful, simple and durable and you can set the blade length as you like.The fixing method of the blade adopted the magnetic reverse fixed slot and no need screw locking.It is at utmost saving the time of blade replacement and cleaning.

智能型锡膏挡边，可自动调整高度，始终保持紧贴钢网和刀片，采用特种材料，减少同钢网之间的磨擦，拥有完美挡锡效果的同时又不伤钢网，大大降低了锡膏的浪费，为您节约原料成本。

Intelligent solder paste edge, can automatically adjust the height, always keep close to the stencil and blade, using special material, reduce friction with the stencil, with perfect effect without damaging the stencil, greatly reducing the waste of solder paste, to save raw material costs for you.

一架多用	智能挡边	减少摩擦	减少浪费
MULTIPURPOSE	INTELLIGENT EDGE	REDUCE FRICTION	REDUCE WASTE

刀片采用新型钢材，更大程度上解决了过度沾锡，韧性不足等问题，让印刷效果更加完美。

The blade uses the new steel to resolve the problems such as wetting, lack of toughness and so on at a greater extent, making the printing effect better.

产品应用及选型 | Product Application

该产品可以广泛应用于任何品牌印刷机上，你可以通过参考左图规则来订购你需要的产品：

The product can be widely usedin any brand printing machine, you could refer.to left image spec. to order the products you want.

TEK-BD-A
(A台阶刀片，B圆口刀片)−25(厚度0.25mm,
0.3mm厚度30表示)−30(宽度30mm)
−300(长度300mm)

TEK-B-
DEK03i(机型)−350（刀架长度)−300
（刀片长度)−25(刀刃厚度)

PRODUCTION PATENTS
产品知识产权

实用新型专利证书
"锡膏印刷机用的耐用型陶瓷刮刀结构"

外观设计专利证书
"印刷机刮刀"

实用新型专利证书
"用于网版印刷的刮刀装置"

外观设计专利证书
"SMT刮刀检测机"

实用新型专利证书
"锡膏印刷机用的磁吸式刮刀结构"

实用新型专利证书
"锡膏印刷机用的双刀式刮刀装置"

外观设计专利证书
"刮刀清洗机"

实用新型专利证书
"带自动清洗功能的刮刀结构"

软件著作权证书
"刮刀卫士软件"

发明专利证书
"一种网印机刮胶治具"

发明专利证书
"一种全自动刮刀清洗机"

实用新型专利证书
"一种全自动刮刀清洗机"

实用新型专利证书
"一种印刷机用刮刀装置"

实用新型专利证书
"一种提高精度的平稳型印刷刮刀检测机"

SQUEEGEE CLEANING MACHINE
刮刀清洗机

近年来，印刷品质，被越来越多的企业所重视，如何有效的控制和预防印刷品质事故？印刷区域的清洁、养护，显得尤为重要。一直以来，我们采用人工擦拭刮刀的方式。我们为什么要擦拭刮刀？刮刀擦拭得干净吗？

之前没人关心这个问题，随着贴装工艺的精细化，越来越多的企业已经慢慢重视这个问题，这是一个影响印刷质量的重要问题！把刮刀集中起来清洗，可是清洗并不是件简单的事情，这给企业管理及印刷质量带来了一定的困扰。

刮刀清洗机，彻底清洗你的刮刀，还你一个清洁、干净的印刷环境，锡膏污染、钢网堵塞问题大大降低了。

锡永，10年关注印刷，旨为提高印刷品质。

提高印刷品质，刮刀卫士来帮忙!

> In recent years, more and more enterprises begin to pay attention to printing quality. How can we control or prevent printing quality accidents effectively? It is very important to clean and maintain the printing areas.We have been scrubbing squeegees manually. Why should we scrub squeegees? Can squeegees be scrubbed clean?
>
> No one is concerned about these questions. With the refinement of mount technology, some enterprises are beginning to care about this issue. The squeegee cleaning together is not a simple thing which brings some troubles to the enterprise management and print-ing quality.
>
> Our squeegee cleaning machine can thoroughly clean your squeegee and give back you a tidy printing environment, at the same time solder paste pollution and stencil blocking problem also be greatly cut down.
>
> Tekyong has been devoted to printing industry for 10 years, aiming to improve printing quality.
>
> Squeegee Bodyguard helps you to improve the printing quality.

Economic Squeegee Cleaning Machine
ESC 600 经济型刮刀清洗机

产品特征 | Product Feature

采用日本高Q值震子芯片，一改传统的布列方式，可调节超声波工作时间与工作温度，使用锡永EK3721专用清洗液，清洗效果达99%以上。

The Japan high Q vibrator is used to change the traditional layouts mode which could adjust the working time and temperature of the ultrasonic.The cleaning effect of the special cleaning liquid of Tekyong EK3721 could reach 99% above.

参数 | Technical Parameters

机器型号 ESC 600			
超声波频率:	40KHZ	容 量:	15L
超声波功率:	360W	加热功率:	300W
超声波定时:	1~30 Min	温度控制:	常温~80℃
外形尺寸:	360×330×330mm	清洗 篮:	可选
内槽尺寸:	330x300x150mm	整机重量:	11 kg
震子数量:	6枚	电 源:	单相AC220V 50HZ

Model ESC 600			
Ultrasonic frequency:	40KHZ	Capacity:	15L
Ultrasonic power:	360W	Heating Power:	300W
Ultrasonic timing:	1~30 Min	Temperature control :	ST~80℃
Outer dimension:	360×330×330mm	Cleaning basket:	Optional
Inner groove size:	330x300x150mm	Weight:	11kg
Qty of vibrator:	6pcs	AC Power:	Individual AC220V 50HZ

ASM-600 Squeegee Bodyguard

ASM-600刮刀卫士

参数 | Technical Parameters

机器型号 ASM-600-Ⅱ

适用机型：All
最长刮刀长度：≤600
最大装载数：3 Set
清洗速度：5Min/1 Set
电　　源：220V/6KW
气　　压：0.5MPa/ϕ 12mm
规格尺寸：1600×630×1230mm(L×W×H)
重　　量：150Kg

机器型号 ASM-601

适用机型：All
最长刮刀长度：≤800
最大装载数：3 Set
清洗速度：5Min/1 Set
电　　源：220V/6KW
气　　压：0.5MPa/ϕ 12mm
规格尺寸：定做
重　　量：定做

Model ASM-600-Ⅱ

Printer Model: All
Squeegee Length(mm) Max.: ≤600
Qty Max.: 3 Set
Cleaning Speed: 5Min/1 Set
AC Power: 220V/6KW
Air: 0.5MPa/ϕ 12mm
Size: 1600×630×1230mm(L×W×H)
Weight: 150Kg

Model ASM-601

Printer Model: All
Squeegee Length(mm) Max.: ≤800
Qty Max.: 3 Set
Cleaning Speed: 5Min/1 Set
AC Power: 220V/6KW
Air: 0.5MPa/ϕ 12mm
Size: Special
Weight: Special

产品特征 | Product Feature

01．改变传统线上手工擦拭刮刀的方式，避免锡膏的污染；

02．替代人工清洁，避免人手与溶剂的直接接触，减少对人体的伤害；

03．可以有效的回收残留锡膏，降低生产过程中锡膏浪费；

04．清洗效果达99.9%，减少锡膏在刮刀上的残留，降低钢网堵塞风险；

05．保持刮刀的清洁，保证良好的印刷品质，延长刮刀的使用寿命。

▪ It has changed the traditional way of manual scrubbing squeegees to prevent solder paste pollution;

▪ It can replace manual cleaning and avoid the direct contact of human body with solvents, so it can reduce damages to the human body;

▪ The residual solder paste can be recycled effectively, reduce the waste of solder paste in the production process;

▪ The cleaning effect reach to the rate 99%. The residual solder paste on the squeegee can be reduced and also lowered the waste during the productive process.

▪ It can keep your squeegees clean, ensure good printing quality and prolong their service lives.

ST2 Squeegee Inspection Instrument
ST2刮刀检查机

A PRECISE INSTRUMENT TO INSPECT THE QUALITY OF SQUEEGEE
刮刀品质检查的科学仪器

引言 | Introduction

在现代化的制程透视化管理和追溯中，产品缺陷的管控，任何一个细节的疏忽都可能带来致命的伤害。同样在SMT制程中，如何判断刮刀的优劣、寿命，已被越来越多的企业摆到了品质管控的议题。

In the modern visual management and tracing of manufacturing procedures, the management and control of product defects play a vital role. The negligence of any detail may bring about fatal damages. Similarly, in the SMT manufacturing procedures, how to judge the quality and service life of squeegee has been included in the scope of quality control by more and more enterprises.

行业现状 | Status of the Industry

01
目前业内刮刀检测仪器多为半自动模式，暂无检测标准。
1.Currently, most squeegee inspection instruments are of semi-auto model in this industry, and no inspection standard is available now.

02
人工判别刮刀的优劣不准确，导致品质问题。
2. The manual judgment of squeegee quality is inaccurate, thus leading to quality problems.

03
印刷出现品质异常时，原因查找困难。
3. It is hard to find the causes in case of unusual printing quality.

佳永作为刮刀高品质供应商，有着丰富的经验，曾经为众多企业定制过手动刮刀检查机，ST2刮刀检查机是一款全自动刮刀品质检查的仪器，全方位检查刮刀的优劣，并记录检查的数据及结果。ST2是刮刀品质管控的好帮手。

As an excellent squeegee supplier, Jayong is quite experienced, and customized manual squeegee inspection instruments for numerous enterprises. ST2 squeegee inspection machine is an instrument for automatic scraper quality inspection.ST2 squeegee inspection instrument is used to check the quality of squeegee. It is able to check squeegees in an all-round way, and to record the data and result of the inspection. ST2 is truly quite helpful in the control of squeegee quality.

产品优势 | Advantages of Product

It operates completely automatically, and requires no manual intervention.

A 全自动操作 Automatic Operation
全自动操作，不需要人手的干预；

B 视觉检测 Visual Inspection
采用先进的视觉检测技术，模拟生产现场刮刀压力，检测刀口缺陷、刀片形变等；

The advanced visual inspection technology is used to simulate the squeegee pressure of on-site manufacturing, so as to check the squeegee in many ways such as defect of blade, blade deformation and so on.

C 智能图表 Intelligent Chart
详细记录刮刀的检查数据及结果，并生成对应报表文件，便于对刮刀的数据跟踪及追溯；

D 架设简单 Easy Erection
桌面型设备，安装简单，无需调试，轻松使用；

E 自由扩展 Free Extension
可与扫描枪、ASM-600刮刀清洗机、SMS100刮刀管理系统等周边设备自由扩展，联机沟通。

It records the squeegee inspection data and result in detail, and generates corresponding report files. According is convenient for data tracking and tracing of squeegee.

Desk-top equipment, easy to install; not requiring debugging, easy to use.

It can establish free extension with the peripheral devices such as scanner gun, ASM-600 squeegee cleaner, SMS100 squeegee management system and so on, and can communicate with them online.

软件介绍 | Introduction of Software

界面简洁，检测标准设置简单，一键式检测操作，智能报表自动生成，一切都这么便捷。

It offers concise interface and simple inspection standard, and achieves one-touch operation. The intelligent report can be generate automatically. It makes things so easy.

规格参数 | Specification Parameters

机器型号：ST2		Model: ST2	
操作系统：WIN7		Operation System: WIN7	
检测方式：离线全自动检测		Detection mode: Off-line automatic detection	
检测项目：刀口缺陷、刀片形变		Items of inspection: Blade defect of squeegee, blade deformation of squeegee	
数据录入：一、二维码扫描		Data Input: One,Two-dimensional Code Scanning	
影像系统：500万像素工业相机		Vision: 5-megapixel industrial cameras	
检测速度：约10~20秒每副		Detection Speed: About 10-20 seconds per squeegee	
检测精度：±0.01mm		Check Accuracy: ±0.01mm	
刮刀尺寸：最小 Min L=250mm,最大 Max L=600mm		Squeegee dimension: Min L=250mm, Max L=600mm	
适用品牌：DEK、MPM、GKG等常用印刷机品牌		Applicable brands: Common printing press brands such as DEK, MPM, GKG and so on.	
环　境：10℃~30℃/60±20%RH		Environment: 10℃~30℃/60±20%RH	
重　量：50Kg		Weight: 50Kg	
电　源：220V 50/60HZ		Power: 220V 50/60HZ	
气　压：0.5~0.8MPa		Air pressure: 0.5~0.8MPa	
外型尺寸：715*400*600mm（L*W*H）		External dimension (LxWxH): 715*400*600mm	

锡永产品系列 TEKYONG SERIES

SMS100 Squeegee Management System

SMS100刮刀管理系统

SMS100简介 | SMS100 Profile

SMS100刮刀管理系统是一款通过规范刮刀管理，帮助工厂提高印刷品质的设备。标准版包含SMS101控制管理软件1套，SMS102刮刀管理柜1套，标准管理柜可以储存40副刮刀。

SMS100，通过集中式、条码化、数据化、智能预警等手段来帮助您管理刮刀，可与ASM600刮刀清洗机、ST2刮刀检查机进行智能对话，确保生产使用的每副刮刀都是良品。我们针对每个企业需求，提供个性化订制。

The SMS100 squeegee management system is used to standardize the management of squeegees, thus to improve the printing quality for plants. The standard version includes 1 set of SMS101 control software, and 1 set of SMS102 squeegee management cabinet. The standard management cabinet can hold 40 squeegees.

SMS100 helps you to manage the squeegees by means of centralization, bar code, data, intelligent early warning. In addition, it is able to intelligently dialogue with ASM600 squeegee cleaner and ST2 squeegee inspection instrument, so as to make sure that every squeegee in use is in good condition. We also provide customization service to meet specific demand of every enterprise.

标准版规格参数 | Specification Parameters

产品型号 SMS-100

存储数量: 40SET
刮刀尺寸: 最小 Min L=200mm,最大 Max L=600mm
适用品牌: DEK、MPM、GKG等所有品牌
重　　量: 150KG
电　　源: 220V 50/60HZ 500W
外型尺寸: 1360*650*1700mm
扩充模块: 20副刮刀/每个存储单元

Product model: SMS-100

Holding capacity: 40SET
Squeegee dimension: Min L=200mm, Max L=600mm
Applicable brands: DEK, MPM, GKG and so on
Weight: 150KG
Power: 220V 50/60HZ 500W
External dimension: 1360*650*1700mm
Expansion Module: 20 pairs of squeegees/each storage unit

系统特色
Feature of the System

以前是开放式管理,刮刀随意存放,使用无管理状态,现在集中到管理柜中统一管理,领用需要有权限的专人操作。

In the past, squeegees were managed in an open way, stored randomly, and used in an uncontrolled manner. Now, squeegees are gathered in the management cabinet for unified management, and are specially requisitioned by those who have permission.
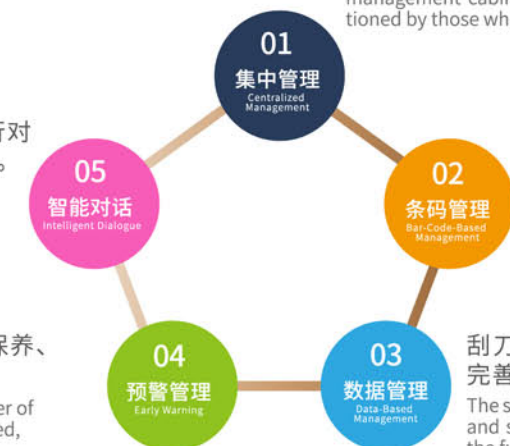
该系统可以与锡永系列产品进行对话,并且上传到客户的MES系统。

The system can dialogue with TekYong series, and can upload the dialogue to customer's MES system.

系统会自动提醒刮刀是否需要保养、更换、报废等。

The system will automatically remind user of whether squeegees need to be maintained, replaced, scrapped and so on.

01 集中管理 Centralized Management
02 条码管理 Bar-Code-Based Management
03 数据管理 Data-Based Management
04 预警管理 Early Warning
05 智能对话 Intelligent Dialogue

每副刮刀都有独立的条码标签,领用存储均可通过扫描条码直接完成,操作简便。

Each squeegee has an independent bar code label. The requisition and storage can be done directly by scanning the bar code. Hence, it is easy to use.

刮刀信息及存取等都有专门的数据库存放,完善的数据导出查询等功能。

The squeegee information, squeegee storage information and so on are stored in a special database which offers the functions such as data export, data query and so on.

SMS100核心 | Core Of SMS 100

确保产线使用的每副刮刀都是良品!
We ensure that every squeegee used in the production line is in perfect condition!

这是如何做到的？ How To Make It?

ST2刮刀检查机
ST2 squeegee inspection instrument

储存管理 Storage management
yes-储存
NO-预警

SMS100刮刀管理系统
SMS 100 squeegee management system

领用 Requisition

刮刀
产线使用刮刀都是良品!
All the squeegees are in perfect condition!

检查 Checking

ASM600刮刀清洗机
ASM600 squeegee cleaning machine

清洗 Cleaning

SMS100未来 | Future of SMS100

未来,我们的SMS100紧跟工业4.0的步伐,系统数据可以自由接入产线设备及MES系统,例如实时查看产线刮刀的工作状态等更多可能。

In the future, our SMS100 will keep close pace with Industry 4.0, so as to make data of the system have access to production equipment and MS systems freely. For instance, it will offer more possibilities, such as allowing users to check the operating state of squeegee in real time.

PCB BOARD SUPPORT SYSTEM

PCB板支撑系统

PCB板支撑系统是一款减少了人手的干预，从根本上解决了双面板和板变形的印刷和贴片支撑的问题，替代印刷机和贴片机传统顶针和夹具的支撑产品。自2006年起，公司陆续开发研制了OS125，BST-300，S300等多款支撑，产品具有可靠性高、耐用性强、安装简单、投入成本低、回报率高等特点。

PCB board support system is a reduction in the hands of the intervention. It is a support product replaces traditional thimble and fixture of the printing and mounting machine and basically solve the printing of double-sided PCB, the board deformation and also the SMD component support problems. Since 2006 year, company developed multiple board support like model OS125, BST300, S300 with the features in high reliability, durability, simple installation, lower investment cost and the high rate of return.

锝永产品系列 TEKYONG SERIES

BST-300 Intelligence Board Support

BST-300智能板支撑

产品特征 | Product Feature

01. 它是一款记忆支撑产品；
02. 减少了人手的干预；
03. 全自动避开元件；
04. 提高了换线速度；
05. 提升了可靠性；
06. 从根本上解决了双面板和板变形的印刷和贴片支撑的问题；
07. 模组化设计，根据线路板宽度自由搭配产品数量；
08. 适用于任何机型，如：DEK、MPM、NXT、CM602、X4等。

- It is a memory support products.
- To reduce human intervention.
- Full automatic keep away from components.
- Improve the speed of changing the line.
- Enhance reliability.
- Fundamentally solve the support problems of the double-sided board and board deformation
- Modular design, according to the width of the circuit board to match the number of products.
- Apply to any models, for example: DEK, MPM, NXT, CM602, X4, etc.

参数 | Technical Parameters

机器型号 BST-300

适用机型： 适用任何机型，如：DEK、MPM、NXT、CM602、X4等。
模块长度： 310mm
模块高度： 50-200mm
电　源： 220V 50HZ
气　压： 0.4-0.5 kg/m2
重　量： 7kg

Model BST-300

Printer Model: All，example:DEK、MPM、NXT、CM602、X4 etc
Module Length: 310mm
Module Height: 50~200mm
AC Power: 220V 50HZ
Air: 0.4-0.5 kg/m2
Weight: 7kg

机器型号 BST-301

适用机型： 适用任何机型，如：DEK、MPM、NXT、CM602、X4等。
模块长度： 定制
模块高度： 50-200mm
电　源： 220V 50HZ
气　压： 0.4-0.5 kg/m2
重　量： 定制

Model BST-301

Printer Model: All，example:DEK、MPM、NXT、CM602、X4 etc.
Module Length: Special
Module Height: 50~200mm
AC Power: 220V 50HZ
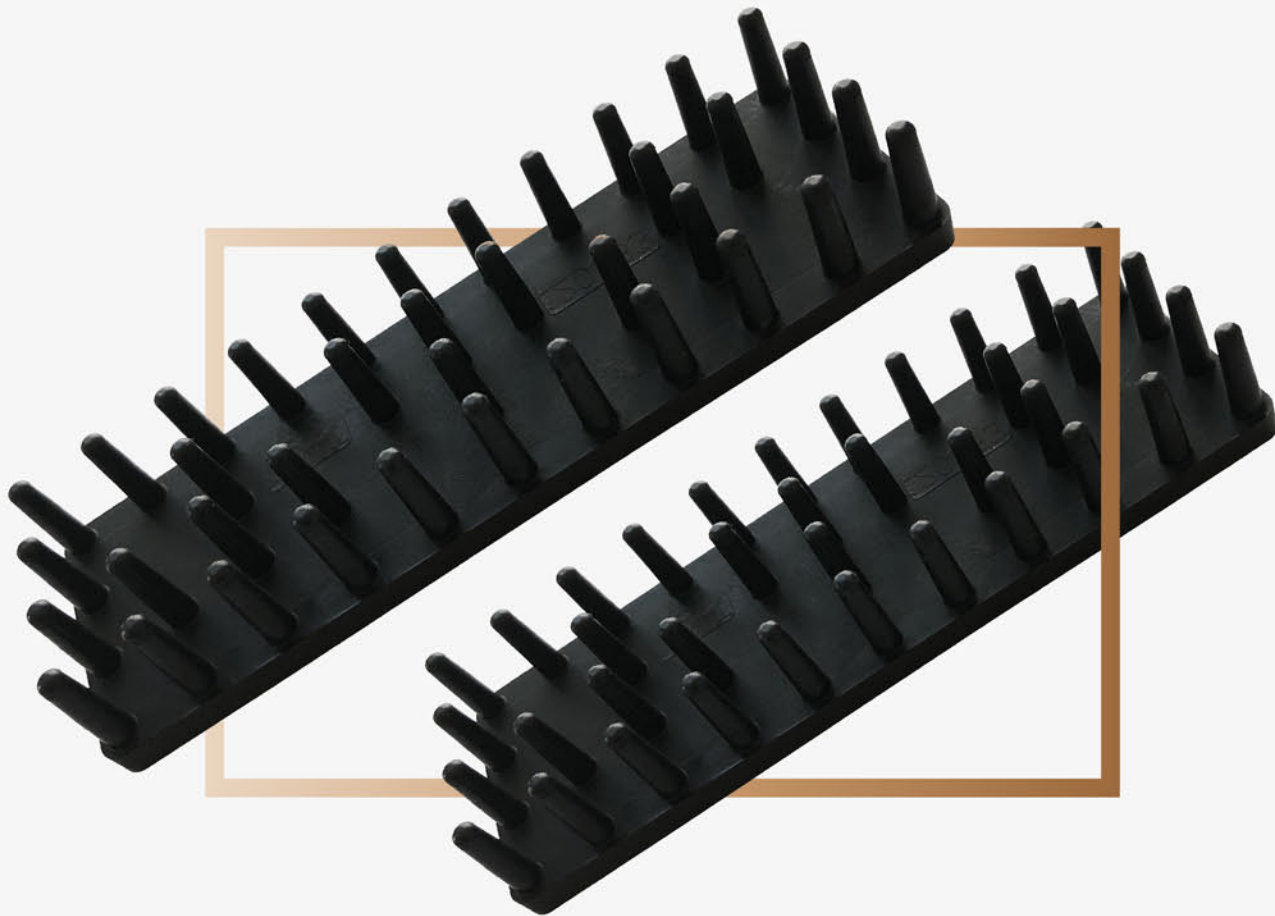**Air:** 0.4-0.5 kg/m2
Weight: Special

OS125 Back Up Plate
OS125 PCB支撑

使用目的 | Purpose

01．彻底解决了对双面PCB、部品高密度PCB进行贴装时，使用PIN、JIG等消耗大量设定调试时间的问题。

02．新技术产品，任何人都可以得心应手地使用该产品。

. It thoroughly solve the mounting problems in the PCB of double-sided and high density components.

. Also save a lot of set and debugging times in PIN and JIG installation.

优点 | Advantage

01．体现了在85℃度下，连续2000小时以上的完好耐久性

02．多种大小任一贴装设备上均可使用

· The durability of the system is more than 2000 hours at 85 ℃.

· Apply for any sizes mounting machine.

S300 Soft Support
S300柔性支撑

S300，专为解决高密度双面PCB印刷和贴装时，因使用硬质顶针、夹具等消耗大量调试时间，而且可能会损伤元器件或PCB微线路而专门设计的新型柔性支撑。

S300 is a new soft support specially designed for solving the debugging time waste of the high density double-sided PCB printing and mounting because of using the hard PIN,JIG and other tools which probably damage the components and PCB micro-circuitry

产品特点 | Product Feature

S300无需避开元器件，不放过任何板变形位置，支撑平整，实现钢网与PCB零间隙印刷，保证了印刷质量，同等提高了产线整体效率和直通率。

S300 is no need to avoid the components and not give a pass to any deformation board location.Support plat,zero gap printing between stencil with PCB and ensures the high quality printing,at the same time,improve production line overall efficiency and pass rate.

参数 | Technical Parameters

机器型号 S300 （S301）

适用机型：适用于任何机型，例DEK/MPM/NX-T/CM602/X4等

模板长度：300mm （定做）

模板高度：30-100mm

重 量：1kg （定做）

Model S300 （S301）

Printer Model： All,Example DEK/MPM/NX-T/CM602/X4 and so on

Module Length： 300mm （Special）

Module Height： 30-100mm

Weight： 1kg （Special）

随着电子产品的精细化，贴装零件越来越小（微间距0.4PICH及inch0402.0201），对SMT工艺的挑战也越来越严峻。在SMT整个工序中的工艺不良70%是在印刷过程中发生的，而钢网不良引起的缺陷占到35%左右。其原因主要有：

其原因主要有：

01 印刷作业条件不符合；	03 钢网使用后清洗管理不当；
02 钢网的来料制作不良；	04 多次使用后张力下降不达标；

那么，我们要如何来降低这些不良呢？

目前对于印刷品质问题控制最有效的手段是依赖SPI，但通常品质问题都是批量性的，因而根源上、预防性的控制手段非常重要。

替代人工检测 Substitute manual	减少人工成本 Reduce labor costs	提升检查速度 Increase inspection speed	降低工艺不良率 Reduce the bad rate

钢网检查机能快速解决钢网问题，替代人工检测，减少人工成本，提高产品品质；从根源上预防，大大降低SMT工艺中由钢网引起的不良率。

STENCIL INSPECTION MACHINE
钢网检查机

"

With the refinement of electronic products, the smaller and smaller mounting parts (0.4PICH and inch0402.0201), the challenge to SMT technology is becoming more and more serious. In the whole process of SMT, 70% of the process defects occurred in printing process, while the defects caused by poor stencil accounted for about 35%. The main reasons are as follows:

1. the conditions of the printing work do not meet.
2. steel net is bad.
3. unsuitable cleaning management after the use of steel net.
4. times of use, the drop of tension is not up to the standard.

So how do we reduce these bad habits?At present, the most effective way to control the problem of printing quality is to rely on SPI, but the quality problem is usually batch, so the root and preventive control means are very important.Steel net inspection function can quickly solve the problem of steel net, replace manual inspection, reduce labor cost and improve product quality. From the root of prevention, the bad rate caused by steel net in SMT process is greatly reduced.

"

HS-736 Economic Stencil Inspection Machine

HS-736经济型钢网检查机

HS736 是一款经济型钢网检查设备，随着电子产品生产越来越精密，部分超小型元器件的普及，要求印刷工艺也越来越高，而钢网的清洗质量对印刷工艺起着非常重要的作用，目前靠人工肉眼已经无法对小型元件钢网开口清洗效果进行检查，而HS736 手动检查机配备了高清工业相机，结合平面光源、把拍摄开口图像传至显示器再做判别，降低了检测难度、提高了检测精度及效率。

HS736 is a economic stencil inspection equipment. As the electronic product become more and more precise and some super miniature size components get popular,therefore the requirement of the printing quality also getting higher. Presently the smaller component opening cleaning effect can't be checked by visual inspection,yet HS736 manual checker equipped with high-definition industrial camera integrated with plane light source and can send the opening image to the display to distinguish . It can reduce the inspection difficult and improve the accuracy and efficiency .

产品特点 | Product Feature

01．检测范围大：600×600mm

02．钢网通用性强：钢网尺寸≤736mm

03．操作简单：手动实时检测，简单方便

· the range of detection is large:
  Maximum detection range of 600 * 600mm
· steel net is versatile:
  stencil size ≤736mm
· operation is simple:
  Manual real-time detection, simple and convenient

参数 | Technical Parameters

相机单元：200W 工业相机FOV15*22mm
背　　光：大面积平面光
XY传动：X 丝杆手轮传动，Y 皮带手轮传动
显 示 器：19 寸1080P
钢网尺寸：≤736mm
电压AC：220V 50/60HZ 100W
机器重量：200KG
机器尺寸：L= 880mm W=1000mm H=1600mm
　　　　　（高度含显示器和脚轮）

Camera Unit: 200W Industrial camera FOV15*22mm
Backlight: Large area plane light
XYtransmission: X lead screw manual-wheel driving,
　　　　　　　　Y belt manual-wheel driving
Monitor: 19 inch1080P
Steel Size: ≤736mm
Power: 220V 50/60HZ 100W
Weight: 200KG
Size: L= 880mm W=1000mm H=1600mm(High display and casters)