PROSMAT
深圳市普思自动化科技有限公司
SHENZHEN SMART-PROCESS AUTOMATION EQUIPMENT CO., LTD
深圳市奥拓普思自动化科技有限公司
SHENZHEN PUSI AUTOMATION TECHNOLOGY CO., LTD
只有完美的

总经理安全生产职责
（第一责任人）
安全主任安全职责
生产经理安全生产职责
（直接责任人）
安全生产组织机构图
车间安全生产管理制度
班组长安全生产职责
考勤管理规定
营业执照
深圳市汉国商会
理事单位
高新技术企业
国家级高新技术企业
HI-TECH
桂林电子科技大学
产学研基地
会员单位
福

深圳市普思自动化科技有限公司

Shenzhen Smart-Process Automation Equipment Co.,Ltd

公司简介Company introduction：

深圳市普思自动化科技有限公司是一家集科研、生产、销售一体的技术密集型高新技术企业。公司专业研发生产机械手平台，自动锁螺丝机，手持式自动锁螺丝机，自动点胶机，自动焊锡机，自动贴标机以及其他非标智能自动化设备，3C电子产品的力学可靠性实验设备。实现节省人力成本，增加生产产能，保证产品稳定的客户目标。我司先后研发出超越行业标准的自动锁螺丝机和电池贴标机，赢得市场的一致好评。

Shenzhen Smart- Process Automation Equipment Co.,Ltd. Is a Technology intensive high tech enterprise intergrate Research , production and sales . The company specializes in research and development of manipulator platform, automatic locking screw machine, hand-held automatic locking screw machine, automatic dispensing machine, automatic soldering machine, automatic labeling machine and other non-standard intelligent automation equipment, 3C electronic product mechanical reliability experimental equipment. Achieve customer goals that save labor costs, increase production capacity, and ensure product stability. Our company has developed automatic locking screw machine and battery labeling machine that exceeds the industry standard and won the praise of the market.

公司全职员工中，直接从事研发设计调试的技术人员占60%。其中大多人是具有高学历、经验丰富的高级工程师，有较强的新产品开发能力。公司研发的充电器自动化生产设备，音响自动化生产设备都填补了行业的空白。

Among the company's full-time employees, 60% of the technicians directly engaged in R&D, design and commissioning. Most of them are senior engineers with high academic qualifications and experience, and have strong new product development capabilities. The company's research and development of charger automation production equipment, audio automation production equipment have filled the gap in the industry.

公司以“智控制程，革新技术，服务至上”为企业文化，坚持做最可靠，最优化，最效率的产品，为客户提供人性化服务。以“创一流信誉、树一流形象、销一流产品、求一流效率”为目标，坚持“精益求精、用户满意”的宗旨，追求卓越、追求完美。

The company takes "Intelligent Control, Innovation, Service First" as its corporate culture, and insists on making the most reliable, optimized and efficient products to provide customers with humanized services.

我们承诺为客户提供一流的产品、一流的服务、特优的价格、真诚地为客户服务。

With the teneof “creating first-class reputation, building first-class image, selling first-class products, and seeking first-class efficiency”, we adhere to the tenet of “excellence and customer satisfaction”, pursuing excellence and pursuing

主要产品经营范围 Main product business scope:

手持式半自动螺丝紧固机、平台式自动螺丝紧固机、立式半自动螺丝紧固机、平台式自动点胶机、平台式自动焊锡机、多工位智控焊膏回温机、自动贴签机、自动化整合配套处理方案。

Hand-held semi-automatic screw fastening machine, platform type automatic screw fastening machine, vertical semi-automatic screw fastening machine, platform type automatic dispensing machine, platform type automatic soldering machine, multi-station intelligent control solder paste returning machine, automatic stickers Signing machine, automatic integration and matching treatment plan.

手持式伸出型
Hand-held extended type

手持式半露型
Hand-held semi-exposed type

伸出型/半露型手持式螺丝机，采用磁吸理念，运行稳定，速度快，外形美观。伸出型通用性强（产品为无磁性，且螺丝不适用不锈钢螺丝，非金属螺丝）。

The extended/semi-exposed hand-held screw machine adopts the magnetic concept, which is stable in operation,fast in speed and beautiful inappearance. The extension type is versatile (the product is non-magnetic, and the screw is not suitable for stainless steel screws, non-metal screws).

半露型适用不锈钢和铁质螺丝，要求：螺丝浮出水平面，特点：不刮花产品。节省手拿螺丝和固定螺丝两个动作，可节省工人接触螺丝的过程，提升生产效 率又确保二次污染，使产品具有品质保障。

Semi-exposed type is suitable for stainless steel and iron screws. Requirement: The screw floats out of the water level. Features: No scratching products. It saves the two actions of holding the screw and fixing the screw, which saves the worker's process of contacting the screw, improves the production efficiency and ensures the secondary pollution, so that the product has the quality guarantee.

适用于各种小型电子产品，如玩具，汽车配件，音响，家电，塑料等等

Suitable for all kinds of small electronic products, such as toys, auto parts, audio, home appliances, plastics, etc...

机台名称 Machine name	设备型号 Equipment model	螺丝规格 Screw specification		螺丝帽径比 Screw capdiameter ratio	螺丝供料时间 Screw feeding time	备注 Remarks
伸出型 Extended type	SMPS-JSJ-09	M2-M4	L5~30mm	≥1. 2 倍 ≥1.2 times	0. 8~1.0s/pcs	外六角螺丝除外，不锈钢螺丝不适用 Except for the hex screw, stainless steel screws are not suitable
	SMPS-JSJ-10	M4-M6	L8~30mm	≥1. 5 倍 ≥1.5 times	0. 8~1.2s/pcs	外六角螺丝除外，不锈钢螺丝不适用 Except for the hex screw, stainless steel screws are not suitable
半露型 Semi-exposed type	SMPS-JSJ-09	M2-M4	L5~30mm	≥1. 2 倍 ≥1.2 times	0. 8~1.0s/pcs	外六角螺丝除外适用于不锈钢螺丝 Except hex screws Suitable for stainless steel screws
	SMPS-JSJ-10	M4-M6	L8~30mm	≥1. 5 倍 ≥1.5times	0. 8~1.2s/pcs	外六角螺丝除外适用于不锈钢螺丝 Except hex screws Suitable for stainless steel screws

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone： 0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

单平台自动锁螺丝机

Single platform automatic locking screw machine

双平台自动下料锁螺丝机

Double platform automatic feeding lock screw machine

吹气式自动锁螺丝机，采用进口电机，单/双导轨滑块模式，模铸铝材框架， 运行稳定，精度高，速度快，外形美观。生产效率更高，员工作业更安全。程序设置全自动运行和半自动运行模式，自动选择切换。具有完整的报警检测系统，浮锁，漏锁，滑牙均能报警提醒，生产的成品具有品质保障。

Blowing type automatic locking screw machine adopts imported motor, single/double guide slider mode, die-cast aluminum frame, stable operation, high precision, fast speed and beautiful appearance. More efficient production and safer employee work. The program sets the fully automatic operation and semi-automatic operation mode, and automatically selects the switch. With a complete alarm detection system, floating lock, leak lock, sliding teeth can be alarmed, the finished product has quality assurance.

适用于各种小型电子五金塑料产品，如玩具，笔记本电脑，汽车用品，音响，LED灯，灯具等等……。

Suitable for all kinds of small electronic hardware plastic products, such as toys, laptops, car supplies, audio, LED lights, lamps, etc...

设备型号 Equipment model	运动轴 Motion axis	行程（mm） Stroke (mm)				螺丝帽径比 Screw cap diameter ratio	螺丝供料时间 Screw feeding time	备注 Remarks
		X	Y1	Y2	Z			
SMPS-LSJ-331	3	300	300	无 None	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-441	3	400	400	无 None	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-441	3	500	400	无 None	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-5331	4	500	300	300	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-6441	4	600	400	400	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone： 0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

吸气式自动锁螺丝机 Blowing type automatic locking screw machine

正面
Positive

反面
Negative

吸附式自动锁螺丝机，采用进口电机，单/双导轨滑块模式，模铸铝材框架， 运行稳定，精度高，速度快，外形美观。生产效率更高，员工作业更安全。程序设置全自动运行和半自动运行模式，自动选择切换。具有完整的报警检测系统，浮锁，漏锁，滑牙均能报警提醒，生产的成品具有品质保障。

Blowing type automatic locking screw machine adopts imported motor, single/double guide slider mode, die-cast aluminum frame, stable operation, high precision, fast speed and beautiful appearance. More efficient production and safer employee work. The program sets the fully automatic operation and semi-automatic operation mode, and automatically selects the switch. With a complete alarm detection system, floating lock, leak lock, sliding teeth can be alarmed, the finished product has quality assurance.

适用于各种小型电子五金塑料产品，如玩具，笔记本电脑，汽车用品，音响，LED灯，灯具等等……。

Suitable for all kinds of small electronic hardware plastic products, such as toys, laptops, car supplies, audio, LED lights, lamps, etc...

设备型号 Equipment model	运动轴 Motion axis	行程（mm） Stroke (mm)				螺丝帽径比 Screw cap diameter ratio	螺丝供料时间 Screw feeding time	备注 Remarks
		X	Y1	Y2	Z			
SMPS-LSJ-331	3	300	300	无 None	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-441	3	400	400	无 None	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-441	3	500	400	无 None	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-5331	4	500	300	300	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-6441	4	600	400	400	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

吹气式自动锁螺丝机 Blowing type automatic locking screw machine

自动锁机米螺丝机
Automatic lock screw-processed machine

吹气式自动锁机米螺丝机，采用进口电机，单/双导轨滑块模式，模铸铝材框架，运行稳定，精度高，速度快，外形美观。生产效率更高，员工作业更安全。程序设置全自动运行和半自动运行模式，自动选择切换。具有完整的报警检测系统，浮锁，漏锁，滑牙均能报警提醒，生产的成品具有品质保障。

Blowing type automatic lock screw-processed machine adopts imported motor, single/double guide slider mode, die-cast aluminum frame, stable operation, high precision, fast speed and beautiful appearance. More efficient production and safer employee work. The program sets the fully automatic operation and semi-automatic operation mode, and automatically selects the switch. With a complete alarm detection system, floating lock, leak lock, sliding teeth can be alarmed, the finished product has quality assurance.

适用于各种小型电子五金金属产品，如卫浴，激光水平仪，门窗等等……

Suitable for all kinds of small electronic hardware metal products, such as bathroom, laser level, doors and windows, etc...

设备型号 Equipment model	运动轴 Motion axis	行程（mm） Stroke (mm)				螺丝帽径比 Screw cap diameter ratio	螺丝供料时间 Screw feeding time	备注 Remarks
		X	Y1	Y2	Z			
SMPS-LSJ-331	3	300	300	无 None	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-441	3	400	400	无 None	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-441	3	500	400	无 None	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-5331	4	500	300	300	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw
		X	Y1	Y2	Z			
SMPS-LSJ-6441	4	600	400	400	100	≥1. 2 倍 ≥1.2 times	0. 8~1.2s/pcs	外六角螺丝除外 Except for the hex screw

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

吸气式自动锁螺丝机 Blowing type automatic locking screw machine

正面
Positive

侧面
Negative

吸附式背靠背自动锁螺丝机，采用进口电机，单/双导轨滑块模式，模铸铝材框架，运行稳定，精度高，速度快，外形美观。生产效率更高，员工作业更安全。程序设置全自动运行和半自动运行模式，自动选择切换。具有完整的报警检测系统，浮锁，漏锁，滑牙均能报警提醒，生产的成品具有品质保障。

Blowing type automatic locking screw machine adopts imported motor, single/double guide slider mode, die-cast aluminum frame, stable operation, high precision, fast speed and beautiful appearance. More efficient production and safer employee work. The program sets the fully automatic operation and semi-automatic operation mode, and automatically selects the switch. With a complete alarm detection system, floating lock, leak lock, sliding teeth can be alarmed, the finished product has quality assurance.

适用于各种小型电子五金塑料产品，如玩具，笔记本电脑，汽车用品，音响，LED灯，灯具等等.....

Suitable for all kinds of small electronic hardware plastic products, such as toys, laptops, car supplies, audio, LED lights, lamps, etc...

产品特点

1. 高效：1.5-2.0秒/颗螺丝(视产品大小锁付行程而定）
1 . Efficient: 1.5-2.0 seconds / screw (depending on the size of the product lock)

2. 稳定：日本进口马达，模铸钢材框架
2 . Stable: Japan imported motor, molded steel frame

3. 快捷：更换产品，只需要更换夹具，调用程序
3. Fast: replace the product, only need to change the fixture, call the program

4. 可靠：完整的扭力检测，浮锁，漏锁，滑牙报警系统
4. Reliable: complete torque detection, floating lock, leak lock, sliding alarm system

5. 服务：整机保修一年，全程售后贴心服务
5. Service: One year warranty for the whole machine, after-sales service

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone：0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

固定式锁螺丝机 Fixed lock screw machine

固定式单批
Fixed single batch

固定式双批
Fixed double batch

单批/双批锁螺丝机，采用固定电批锁付方式，人工将产品放入固定夹具 内利用脚踏开关或感应开关给出锁付信号，锁付完成后将自动将产品推出； 具有速度快，自动化程度高，运行稳定，操作简单等特点。可根据产品定制轨道。

The single-batch/double-batch lock screw machine adopts the fixed electric batch lock payment method, and manually puts the product into the fixed fixture to use the foot switch or the induction switch to give the lock payment signal. After the lock payment is completed, the product will be automatically pushed out; Fast, high degree of automation, stable operation, and simple operation.Tracks can be customized according to the product.

设备型号 Equipment model	批数 Batch number	螺丝规格 Screw specification		螺丝帽径比 Screw cap diameter ratio	螺丝供料时间 Screw feeding time	备注 Remarks
SMPS-LSJ-44	单批 Single batch	M2-M4	L5~30mm	≥1. 2倍 1.2 times	1.0~1.5s/pcs	供料器1 出 1 Feeder 1 out 1
SMPS-LSJ-46	双批 Double batch	M2-M4	L5~30mm	≥1. 2倍 1.2 times	1.5~1.8s/pcs	供料器1 出 2 Feeder 1 out 2

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone：0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

吹气式自动锁螺丝机 Blowing type automatic locking screw machine

PROSMAT

落地式自动锁机米螺丝机

Floor-standing automatic lock screw-processed machine

产品参数

1. 供料机速度: 1. 5-2s/pcs;
1. Feeder speed: 1. 5-2s/pcs;

2. 电批：专用进口电批；
2. Electric batch: special imported electric batch;

3. 控制方式：PLS;
3. Control method: PLS;

4. 产品结构：本产品包括专用电批组件、操作平台、夹具、机米螺丝、供料器产品供料机等几部分组成；
4. Product structure: This product consists of special electric batch components, operating platform, fixture, machine screw, feeder product feeder and so on;

5. 机米螺丝需露出尖头部份；
5. the machine screw needs to expose the pointed part;

6. 技术参数：输入电压：AC100-240V±5%，47-63Hz;
6. technical parameters: input voltage: AC100-240V ± 5%, 47-63Hz;

7. 电批拧紧系统说明
7. electric batch tightening system description

①电批：台湾进口奇力速机用电批;
1) 1 Electric batch: Taiwan imported Qi Li speed machine with electricity batch;

②台湾进口导轨、滑块组件;
2) 2 Taiwan imported rails and slider assemblies;

③原装亚德克气缸;
3) 3 original Yadak cylinders;

④精密加工紧固组件;
4) 4 precision machining of fastening components;

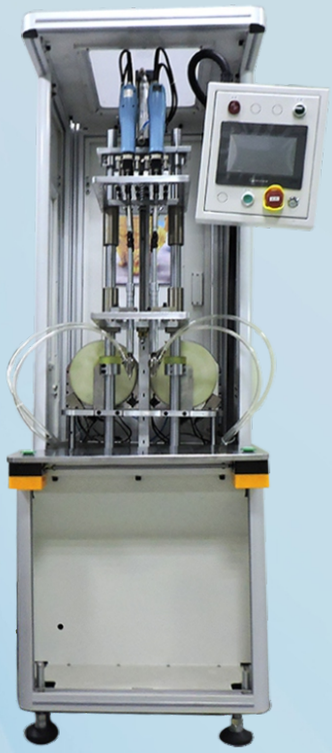
地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone： 0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

▷ page/9

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

多轴自动锁螺丝机 Multi-axis automatic locking screw machine



产品参数

1. 结构： 采用一次锁付四颗螺丝， 一个产品8颗螺丝， 两次锁完， 高效率；
1. Structure: Four screws are used for one lock, 8 screws for one product, two locks, high efficiency;
2. 稳定性:螺丝卡料率在万分之五(不含螺丝来料,产品不规则因素)以内;设备整体故障率(指排除故障时间超过2分钟视为故障)低于千分之五;
2. stability: the screw card rate is less than five ten thousandths (excluding screw incoming materials, product irregularities); the overall failure rate of the equipment (referring to the troubleshooting time is more than 2 minutes as a failure) is less than five thousandths;
3. 结构组件： 工位夹具配步进电机，四套点批同时锁付（ 配万向节以便调节螺丝间距） 夹具为定制夹具更换产品需更换夹具，并调整电批位置对应产品锁付位置；
3. structural components: station fixture with stepper motor, four sets of batches at the same time lock (with universal joints to adjust the screw spacing), fixtures for custom fixture replacement products need to replace the fixture, and adjust the position of the electric batch corresponding to the product lock position;
4. 效率：1 . 5 - 3秒/ 4 P C S (一次锁付四颗)；
4. efficiency: 1.5 - 3 seconds / 4 P C S (four locks at a time);
5. 电批： 奇力速2 0 0 0转6 6 0 0 P F；
5. electric batch: speed 2 0 0 0 turn 6 6 0 0 P F ;
6. 控制方式： 单片机+ P L C；
6. control mode: single-chip + P L C;
7. 技术参数： 输入电压: A C 1 0 0 - 2 4 0 V±5 % , 4 7 - 6 3 H z；
7. Technical parameters: Input voltage: A C 1 0 0 - 2 4 0 V ± 5 % , 4 7 - 6 3 H z ;
8. 设备外观尺寸： 约W 8 2 0 x D 1 2 5 0 X H 1 8 8 0 m m
8. Appearance dimensions: Approx. W 8 2 0 x D 1 2 5 0 X H 1 8 8 0 m m
9. 单次可置放约3 0 0 0 p c s螺丝,吹气式供料;
9. a single can be placed about 3 0 0 0 p c s screws, blowing supplies;

1 0. 设备带计数功能；
1 0. the device has a counting function;

1 1. 上下件： 人工上下料。
1 1. Upper and lower parts: Manual loading and unloading.

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone： 0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

▷ page/10

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

自动焊锡机 automatic soldering machine

单平台自动焊锡机
Single platform automatic soldering machine

双平台自动焊锡机
Double platform automatic soldering machine

- 简单的编程方式,可以直接输入焊点坐标,可示教再现焊点坐标位置,简单操作示教盒,即可引导运动末端到达焊点位置.
- 多轴联动机械手,全部采用精密步进马达驱动及先进运动控制算法,有效提升运动末端(烙铁头)的定位精度和重复精度.
- 灵活多样的焊锡方式,同时支持点焊和拖焊,全部工艺参数可由用户自行设置,以适应各种高难度作业和微焊锡工艺.
- 单双Y轴可选择,单双焊锡头可选择,生产效率更高,速度更快,前工序放,产品,后工序取产品,真正做到无人看管操作;

Simple programming method, you can directly input the coordinates of the solder joints, teach the reproduction of the coordinates of the solder joints, and simply operate the teaching box to guide the end of the motion to the solder joint position.Multi-axis linkage manipulators, all using precision stepper motor drive and advanced motion control algorithms, effectively improve the positioning accuracy and repeatabilityof the end of the movement (tip). Flexible and diverse soldering method, while supporting spot welding and drag welding, all process parameters can be set by the user to adapt to various difficult operations and micro soldering process.Single and double Y-axis can be selected, single and double soldering heads can be selected, the production efficiency is higher, the speed is faster, the pre-process is put, the product, the post-process takes the product, and the unattended operation is truly realized;

设备型号 Equipment model	运动轴数 Motion axis	运动行程（mm） Movement stroke (mm)				运行速度(mm/s) Running speed (mm/s)	可选锡线线径（mm） Optional tin wire diameter (mm)	焊锡温度范围 Solder temperature range	程序记忆功能 Program memory function
		X	Y1	Y2	Z				
SMPS-HX -331	3	300	300	无 None	100	XY500,Z100	Φ 0.5~1.2	200~450°C	99 种程序 99 programs
		X	Y1	Y2	Z				
SMPS-HX -5331	4	500	300	300	100	XY500,Z100	Φ 0.5~1.2	200~450°C	99 种程序 99 programs

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone： 0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

▷ page/11

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

自动焊锡机 automatic soldering machine

单平台自动焊锡机
Single platform automatic soldering machine

双平台自动焊锡机
Double platform automatic soldering machine

- 三轴焊锡平台Z轴有效行程100MM,XY有效行程200-600mm可选
- 双头自动焊锡(自动送锡装置及温控器各两套)
- 发热芯间距、角度可调；
- 配备双头专用烙铁咀清洗装置；
- 配备缺锡报警；

Three-axis soldering platform Z-axis effective stroke 100MM, XY effective stroke 200-600mm optional double-head automatic soldering (two sets of automatic tin feeding device and thermostat)The heating core spacing and angle are adjustable;
Equipped with a double-headed special iron tip cleaning device; equipped with a tin-deficient alarm;

设备型号 Equipment model	运动轴数 Motion axis	运动行程（mm） Movement stroke (mm)				运行速度（mm/s） Running speed (mm/s)	可选锡线线径（mm） Optional tin wire diameter (mm)	焊锡温度范围 Solder temperature range	程序记忆功能 Program memory function
SMPS-HX -331	3	X	Y1	Y2	Z	XY500,Z100	Φ0.5~1.2	200~450°C	99 种程序 99 programs
		300	300	无 None	100				
SMPS-HX -331R	3	X	Y1	Y2	Z	XY500,Z100	Φ0.5~1.2	200~450°C	99 种程序R 轴为 360°旋转 99 programs Raxis is 360° rotation
		300	300	无 None	100				
SMPS-HX-5331	3	X	Y1	Y2	Z	XY500,Z100	Φ0.5~1.2	200~450°C	99 种程序 99 programs
		500	300	300	100				
SMPS-HX-5331R	4	X	Y1	Y2	Z	XY500,Z100	Φ0.5~1.2	200~450°C	99 种程序R 轴为 360°旋转 99 programs Raxis is 360° rotation
		500	300	300	100				

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone：0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

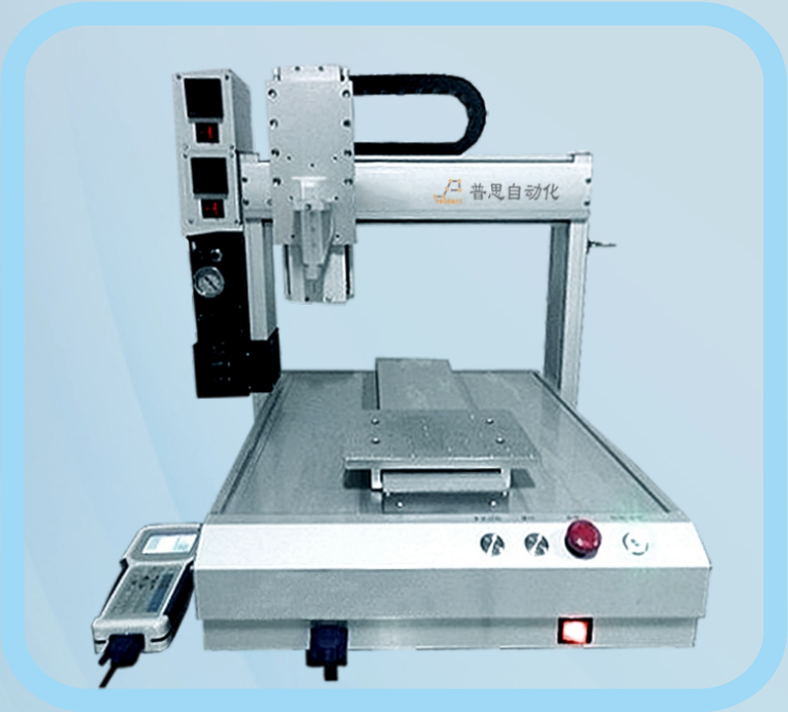
▷page/12

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

自动点胶机 Automatic dispensing machine

单平台自动点胶机
Single platform automatic dispensing machine



双平台自动点胶机
Double platform automatic dispensing machine

本公司专业研发生产的加热式自动点胶机,双温控系统,保证固体胶受温均衡;点胶流畅; 学习式编程系统,学习简单,操作方便;双导轨机械运动,高速平稳,特别适用于手机,平板电脑,笔记本等点胶工艺产品点胶3M2665,乐泰3542/3541等热熔胶.

The company's professional research and development of heating automatic dispensing machine, dual temperature control system, to ensure that the solid glue is temperature balanced; dispensing smooth; learning programming system, simple to learn, easy to operate; double rail mechanical movement, high speed and smooth, especially suitable In the mobile phone, tablet, notebook and other dispensing technology products dispensing 3M2665, Loctite 3542/3541 and other hot melt adhesive.

设备型号 Equipment model	运动轴 Motion axis	行程（mm） Movement stroke (mm)				温度范围 Temperature range	温度误差 Temperature error	备注 Remarks
SMPS- DJ -331	3	X	Y1	Y2	Z	常温~300 Normal temperature ~300	±3°C	至少100、每组500points At least 100, 500 per group points
		300	30 0	无None	100			
SMPS-DJ -441	3	X	Y1	Y2	Z	常温~300 Normal temperature ~300	±3°C	至少100、每组500points At least 100, 500 per group points
		400	400	无None	100			
SMPS-DJ -541	3	X	Y1	Y2	Z	常温~300 Normal temperature ~300	±3°C	至少100、每组500points At least 100, 500 per group points
		500	400	无None	100			
SMPS-DJ -5331	4	X	Y1	Y2	Z	常温~300 Normal temperature ~300	±3°C	至少100、每组500points At least 100, 500 per group points
		500	300	300	100			
SMPS-DJ -6441	4	X	Y1	Y2	Z	常温~300 Normal temperature ~300	±3°C	至少100、每组500points At least 100, 500 per group points
		600	400	400	100			

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone： 0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

▷page/13

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

自动点胶机 Automatic dispensing machine

单平台自动点胶机
Single platform automatic dispensing machine

双平台自动点胶机
Double platform automatic dispensing machine

自动点胶机平台,含三轴,四轴,五轴, 可以点平面胶,弧面胶,侧面胶.通过更换点胶阀和控制器,可以点黄胶,白胶,快干胶,硅胶,AB胶等各类胶水.高精度点胶机械手平台,搭配高精密点胶阀,以及完美的点胶编程系统,为客户提供最优点胶工艺和方案.不但节省人工,提高效率,还帮客户节约胶水,保持生产一致性.

Automatic dispenser platform, including three-axis, four-axis, five-axis, can be flat rubber, curved rubber, side rubber. By replacing the dispensing valve and controller, you can order yellow glue, white glue, quick-drying glue, silicone , AB glue and other types of glue. High-precision dispensing robot platform,with high-precision dispensing valve, and perfect dispensing programming system, to provide customers with the most advantageous glue process and solutions. Not only save labor, improve efficiency, but also help customers Save glue and maintain production consistency.

设备型号 Equipment model	运动轴 Motion axis	行程（mm） Movement stroke (mm)				温度范围 Temperature range	温度误差 Temperature error	备注 Remarks
SMPS- DJ -331	3	X	Y1	Y2	Z	常温~300 Normal temperature ~300	±3°C	至少100、每组500points At least 100, 500 per group points
		300	30 0	无None	100			
SMPS-DJ -441	3	X	Y1	Y2	Z	常温~300 Normal temperature ~300	±3°C	至少100、每组500points At least 100, 500 per group points
		400	400	无None	100			
SMPS-DJ -541	3	X	Y1	Y2	Z	常温~300 Normal temperature ~300	±3°C	至少100、每组500points At least 100, 500 per group points
		500	400	无None	100			
SMPS-DJ -5331	4	X	Y1	Y2	Z	常温~300 Normal temperature ~300	±3°C	至少100、每组500points At least 100, 500 per group points
		500	300	300	100			
SMPS-DJ -6441	4	X	Y1	Y2	Z	常温~300 Normal temperature ~300	±3°C	至少100、每组500points At least 100, 500 per group points
		600	400	400	100			

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone： 0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

▷ page/14

深圳市普思自动化科技有限公司
Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

锡膏定时回温机-PLC控制 Solder paste timing reheating machine-PLC control

锡膏定时回温机SMPS-XG-10,专业为锡膏定时回温管控而设计。采用PLC触摸屏控制，进口电器件组装生产。手动将冷藏后的锡膏放入回温机锡膏槽内，锡膏瓶抱死，自动启动计时。到达设定的回温时间后，警示器报警提醒，触摸屏显示OK标志.点击取出,触摸屏提示OK锡膏的对应位置,手动可以将对应的锡膏瓶取出.未到时间的锡膏瓶,处于抱死状态,无法取出.具有先进先出功能,如一个时间有几瓶锡膏OK,如先回温的锡膏未取出,后回温的锡膏无法取出.

Solder paste timing reheating machine SMPS-XG-10, professionally designed for solder paste timing and temperature control. It adopts PLC touch screen control and imported electrical components for assembly and production. Manually put the refrigerated solder paste into the solder paste bath, and the solder paste bottle is locked and automatically starts timing. After reaching the set temperature return time, the alarm alarms and the touch screen displays the OK mark. Click to remove, the touch screen prompts the corresponding position of the OK solder paste, and the corresponding solder paste bottle can be manually removed. The solder paste bottle that is not in time is in Locked state, can not be taken out. With a first-in first-out function, such as a few bottles of solder paste OK at a time, such as the first warm-up solder paste is not removed, after the warm solder paste can not be removed.

将锡膏瓶放入锡膏槽后,指示灯亮绿色,锡膏瓶抱死,回温开始倒计时,回温时间到后红色报警器闪烁并伴有报警声音.

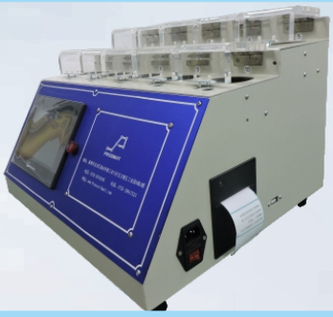
After putting the solder paste bottle into the solder paste tank, the indicator light is green, the solder paste bottle is locked, and the temperature is started to count down. After the temperature rise time, the red alarm flashes with an alarm sound.

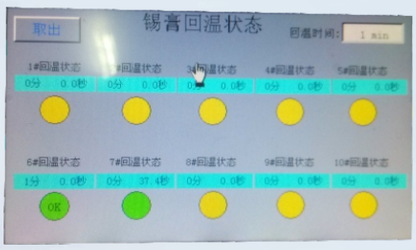
右上角设定回温时间，回温时，对应锡膏位置显示绿色，蓝色部分显示已经回温的时间，回温OK后对应锡膏位显示OK标志

In the upper right corner, set the temperature return time. When the temperature is returned,the corresponding solder paste position is displayed in green, and the blue part shows the time when the temperature has been returned. After the temperature is OK, the corresponding solder paste position displays the OK mark.

回温时间到后，点击左上角取出按钮，触摸屏根据先进先出原则提示你需要取出的对应锡膏位取走先放的锡膏，才能取出后放到锡膏。

In the upper right corner, set the temperature return time. When the temperature is returned, the corresponding solder paste position is displayed in green, and the blue part shows the time when the temperature has been returned. After the temperature is OK, the corresponding solder paste position displays the OK mark.





地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone： 0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

▷page/15

深圳市普思自动化科技有限公司

Shenzhen Pusi Automation Technology Co., Ltd.

锡膏定时回温机-断电器控制 Solder paste timing reheating machine - breaker control

PROSMAT

锡膏通常要用冰箱冷藏，冷藏温度为5~10℃，锡膏需要在这样的低温下保存，以保持良好的粘稠性能。防止各种活性成分的离分，影响锡膏的焊接质量。 为了配合生产中的焊接工艺，如印刷性能、抗崩塌性能、脱模性能等，锡膏需要在使用前进行回温。使用回温机能较好的解决自然回温的问题，能有效的协助控制好生产计划，提高生产效率。

The solder paste is usually refrigerated in a refrigerator at a refrigerating temperature of 5 to 10 ° C. The solder paste needs to be stored at such a low temperature to maintain good viscous properties. Prevent the separation of various active ingredients and affect the soldering quality of solder paste. In order to match the welding process in production, such as printing performance, collapse resistance, release properties, etc., the solder paste needs to be warmed before use. The use of the temperature recovery machine can better solve the problem of natural temperature recovery, and can effectively assist in controlling the production plan and improving production efficiency.

操作方法产品参数

1、手动将冷冻保存的锡膏瓶放置于回温机凹槽内，启动计时开关，回温机自动夹紧开始计时，到了设定时间自动给出信号提示，即可取出。

1. Manually place the cryopreserved solder paste bottle in the groove of the regenerator, start the timing switch, and automatically return to the temperature machine to start timing. When the set time is automatically given a signal prompt, it can be taken out.

2、可同时回温20瓶锡膏或更多（可根据客户要求定制）。

2, can return 20 bottles of solder paste or more at the same time (can be customized according to customer requirements).

3、气源：约0.6MPA。

3. Gas source: about 0.6MPA.

4、电源：220V交流。

4, power: 220V AC.

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼

Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.

网址Website ：www.process-smart.com

电话Telephone： 0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523

▷ page/16

深圳市普思自动化科技有限公司

Shenzhen Pusi Automation Technology Co., Ltd.

PROSMAT

全自动贴标机(在线式) Automatic labeling machine (online)

平面贴标机主要性能及特点:

采用两重覆标机构,贴标无褶皱,无气泡,效果好,提升包装品质.采用弹压式双链自动校正导向机构,保证瓶子对中性;采用弹压式压顶机构,保证瓶子输送一贴标一覆标的稳定性,保证贴标精确度.配置自动分瓶机构,瓶子间分开间距,保证后续导瓶一压顶一贴标的稳定.具备无物不贴标,无标自动校正和标签自动检测功能,避免浪费标签和漏贴,可单机生产,也可接流水线生产,产品自动检测,实现无人化生产,采用触摸屏人机对话操作窗口,具备操作示教功能,参数修改直观明了,使用简单.

The main performance and characteristics of the plane labeling machine:Double-standard labeling mechanism, labeling without wrinkles, no bubbles, good effect, improve packaging quality.The spring-loaded double-chain automatic correction guiding mechanism ensures the neutrality of the bottle; the elastic pressing mechanism is adopted to ensure the stability of the labeling and labeling of the bottle, and the accuracy of labeling is ensured. The automatic bottle-dividing mechanism is arranged, and the spacing between the bottles is separated. To ensure the stability of the subsequent guide bottle and the top of the bottle.With no object and no labeling, no automatic calibration and automatic label detection to avoid wasting labels and missing stickers.Can be produced in a single machine, can also be connected to the production line, automatic detection of products, to achieve unmanned production, using touch screen man-machine dialogue operation window, with operation teaching function, parameter modification is straightforward and simple to use.

技术参数: Technical parameter:

适用产品尺寸: 直径: ϕ15 ~ϕ120mm
Applicable product size: Diameter: ϕ15~ϕ120mm

适用标签尺寸： 宽度： ≥20 mm~长度: ≥15 mm 贴标精度: ±mm
Applicable label size: Width: ≥20mm~ Length: ≥15mm Labeling accuracy: ±mm

贴标速度: 80-200件/分钟电源: 220V/50~60Hz 功率:0.2KW
Labeling speed: 80-200 pieces / minute Power supply: 220V/50~60Hz Power: 0.2KW

地址 ：深 圳 市 宝 安 区 沙井街道新和大道东盈工业园C1-4栋二楼
Address：2nd floor of C1-4 building , Dongying industry park , Xinhe road , Shajin street , Baoan district , Shenzhen.
网址Website ：www.process-smart.com
电话Telephone： 0755-29742495 免费热线Hotline：400-961-1193 传真Fax：0755-29917523