

專業 認真 服務 熱誠

Professional, earnest, service, enthusiasm

选择性波峰焊 Selective wave soldering

自动焊锡机 automatic soldering machine

烟雾净化系统 fume extractor

非标自动化 non - standard automation

非标烙铁头 non - standard soldering tips

广东优络电子科技有限公司

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广东优络电子科技有限公司

GUANGDONG ULUO ELECTRONIC TECHNOLOGY CO.,LTD



Survive by quality and reputation

Develop with brand and technology



企业简介
COMPANY INTRODUCTION

优络电子是一家从事选择性波峰焊，自动焊锡机，烟雾净化过滤系统，非标自动化设备及电子工具等产品研发，销售，制造为一体的专业自动化设备厂商。优络电子将始终坚持以质量和信誉求生存，以品牌和技术求发展，励精图治，再接再厉，竭诚与各界新老客户，厂商合作，共创辉煌！希望竭诚为广大客户提供优质产品与服务！
电话：0752-6113599 邮箱：szsales@uluochina.com

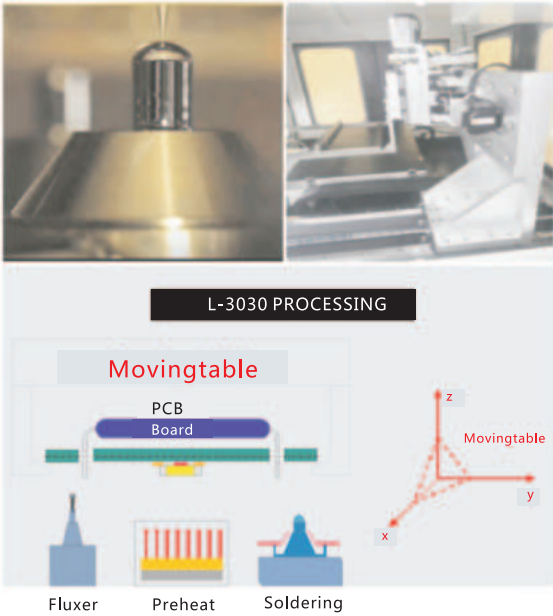
ULUO Electronics is a professional automation equipment manufacturer engaged in selective soldering, automatic soldering machine, fume extractor, non-standard automation equipment and electronic tools and other products research and development, sales, manufacturing. ULUO electronic will always adhere to survive with quality and reputation,develop with brand and technology,strive for excellence, and continue to encourage, and wholeheartedly cooperate with new and old customers and manufacturers from all walks of life to create brilliant! Hope to provide our customers with quality service!

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离线选择性波峰焊L-3030
Off-Line Selective Wave Soldering L-3030



- ▶ 氮气保护 Nitrogen protection
- ▶ 可定制焊接喷嘴



系统工艺路线
Process Flow of System

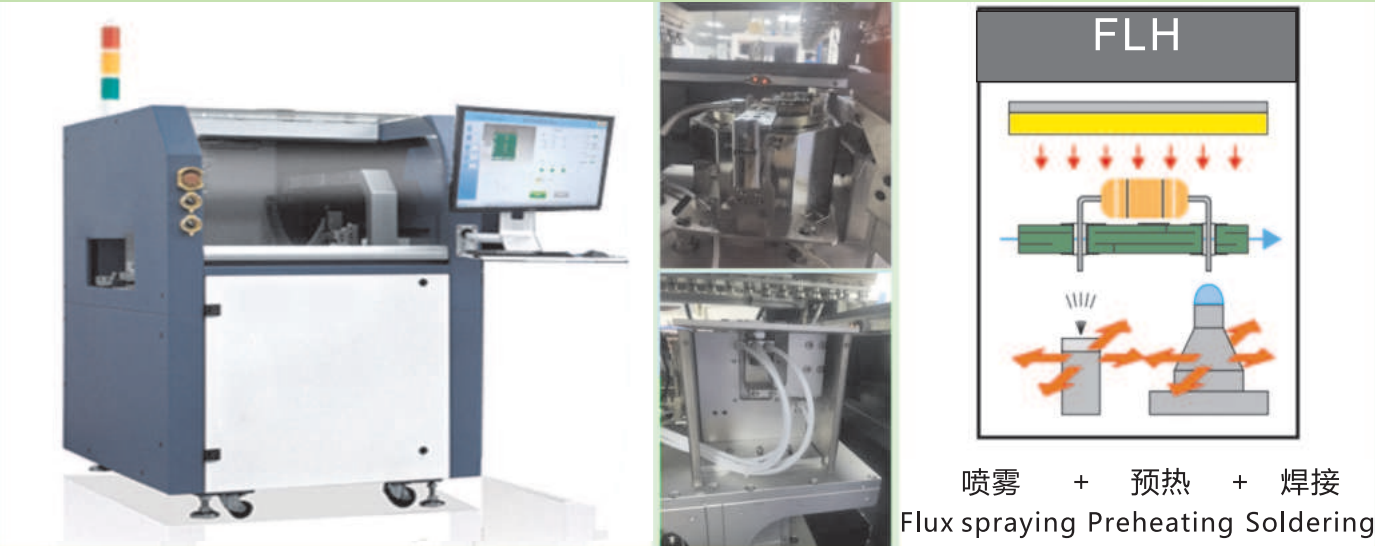


技术规格参数
Technical Parameter

名称	L-3030
机器尺寸 Machine Dimension	L1220mm×W1000mm×H1450mm
机器总功率 Machine Power	5kw
机器运行功率 Machine Operating Power	1--3kw
电源 Power	单相220V 50HZ Single phase 220V 50HZ
净重 Net Weight	400KG
空气源压力要求 Air Pressure Requirement	3-5 Bars
空气源流量要求 Air Flow Requirement	8-12L/min
氮气源压力要求 Nitrogen Pressure Requirement	3-4 Bars
氮气源流量要求 Nitrogen Flow Requirement	大于2立方/小时 more than 2m³/hour
氮气源纯度要求 Nitrogen Purity Requirement	》99.998%
抽风量要求 Exhausted Air Requirement	500--800CMB/H
治具 Fixture	可根据需要使用 Please use according to need
最大焊接面积 Maximum Soldering Area	L300×W300MM(可根据要求定制) L300×W300MM(Custom-made according to requirement)

在线集成单头选择性波峰焊Z-400

On-Line Integrated Single-Head Selective WaveSolderingZ-400



系统工艺路线
Process Flow of System



技术规格参数
Technical Parameter

名称	Z-400
机器尺寸 Machine Dimension	L1510mm×W1650mm×H1650mm
机器总功率 Machine Power	10kw
机器运行功率 Machine Operating Power	2-4kw
电源 Power	单相220V 50HZ Single phase 220V 50HZ
净重 Net Weight	700KG
空气源压力要求 Air Pressure Requirement	3-5 Bars
空气源流量要求 Air Flow Requirement	8-12L/min
氮气源压力要求 Nitrogen Pressure Requirement	3-4 Bars
氮气源流量要求 Nitrogen Flow Requirement	大于2立方/小时 more than 2m³/hour
氮气源纯度要求 Nitrogen Purity Requirement	》99.998%
抽风量要求 Exhausted Air Requirement	500—800CMB/H
治具 Fixture	可根据需要使用 Please use according to need
最大焊接面积 Maximum Soldering Area	L400×W400MM (可根据要求定制) L400×W400MM(Custom-made according to requirement)

自动锁附螺丝机
Automatic screw locking machine

Screw-UL230

Semi-cabinet Type four-axis intelligent screw-locking robot

Product Information

Locking range: 210 * 350 * 90mm (unilateral X * Y * Z)
Transmission mode: closed-loop stepping motor
Linear guide rail: Wecn
Positioning accuracy: ± 0.02 mm
Control system: high-performance motion control card+All-in-one computer
Feeding mode: vacuum suction/magnetic suction
Electric screwdriver: servo electric screwdriver
Number of feeders: 1 group/2 groups
Locking efficiency: 1.5s-1.8s
Program capacity: 100 groups
Communication port: USB
Power supply: AC220V
Air source: 0.5-0.6MPa
Equipment power: 1350W
Boundary dimension: 750 * 975* 975 (width, length and height)
Operating Weight: 150Kg



Advantages and highlights: new dynamic display lock , real -time data capture, and upload to MES for remote operation

Analysis of product advantages and highlights

1	The screw reclaiming mode can support vacuum suction/magnetic suction (the nozzle needs to be replaced for switching); Stainless steel screws, meson screws (vacuum suction); Support deep holes, inclined holes, curved surfaces, and surfaces with different heights (magnetic suction).
2	The intelligent electric screwdriver has high speed (0-3000 revolutions), high accuracy (error ± 5%), low noise, long service life, maintenance free, and torque can be set arbitrarily on the touch screen (1-9KGF. cm).
3	The machine is made of solid aluminum and has a sheet metal shell with strong rigidity and high stability; The height position of feeder and Z-axis structure can be adjusted freely. It supports products with different height and has strong compatibility. It has a pair of safety gratings, which are beautiful and safe.
4	It has its own industrial PC (supporting wired Ethernet/wireless Wi Fi).
5	Data collection with locking device, and upload with MES for convenience of later tracing (default: not automatic upload, automatic upload is optional).
6	Support scanning and locking (USB scanning gun scanning barcode/QR code), and lock screw data automatically bind to product barcode.
7	Support displacement sensor (detect floating height, automatically reverse and repair).
8	Support vacuum negative pressure meter (check whether the screws in the suction mouth fall off).
9	Support remote transfer between PC and mobile phone (download App).
10	The intelligent electric screwdriver can view the torque waveform in real time.
11	Support visual CCD auxiliary correction to make the lock more accurate.

自动锁附螺丝机

Automatic screw locking machine

Screw-UL230

半柜式四轴智能锁螺丝机器人

产品信息

锁附范围:210*350*90mm(单边X*Y*Z)

传动方式:闭环步进电机

直线导轨:Wecn

定位精度:±0.02 mm

控制系统:高性能运动控制卡+一体式电脑

供料方式:真空吸/磁吸式

电批:伺服电批

供料器数:1组/2组

锁附效率:1.5-1.8s

程序容量:100组

通讯端口:USB

电源：AC220V

气源:0.5-0.6MPa

设备功率:800W

外形尺寸：750 * 975* 975mm(宽长高)

整机重量：150kg

优势和亮点：新型动态显示锁附，实时数据抓取，配合上传MES，可远程操作

1	螺丝取料方式可支持真空吸/磁吸式(切换需更换吸嘴);可打不锈钢螺丝、介子螺丝(真空吸);支持深孔，斜孔，弧面高低不一样的面(磁吸)。
2	智能电批转速(0-3000转)，精度高(误差±5%),低噪音,寿命长,免维护,扭力可在触摸屏任意设 置(1-9KGF.cm)。
3	机器采用实心铝机加，钣金外壳，刚性强，稳定性高;供料器与Z轴结构高低位置可自由调节，支持高 低不一的产品，兼容性强，自带1对安全光栅，美观又安全。
4	自带工控PC电脑(支持有线以太网/无线Wi-Fi)。
5	支持锁付数据采集，配合MES上传，方便后期追溯(默认不自动上传，可选配自动上传)。
6	支持扫码锁付(USB扫码枪扫描条形码/二维码)，锁螺丝数据自动绑定产品条形码。
7	支持位移传感器(检测浮高，自动反转并修复)。
8	支持真空负压表(检测吸嘴里螺丝是否掉落)。
9	支持PC端与手机移动端远程调机(需下载App)。
10	智能电批，可以实时查看扭力波形图。
11	支持后期加装视觉CCD辅助校正，让锁附更精准。

半自动焊锡机

Semi-Auto soldering machine



• 技术参数

电源：单相 AC 220V，额定电压210V-240V 50/60HZ

(可定制110V-24V电压款)

空气压力：0. 2-0. 6MPa (需使用清洁干燥空气)

温度：(-10) - (+ 60℃) 无风，无尘

型号：HZ-688-QG

尺寸：长410*宽350*高500MM

重量：约15KG

●Technical parameters

power supply: single phase : AC 220V ,

Rated voltage : 210V- 240V 50/60HZ

(Can be customized 110V-24V voltage model)

Air pressure: 0.2-0.6MPa (need to use clean and dry air)

Temperature: (-10)- (+ 60°C) No wind, no dust

Model: HZ-688-QG

Size: Length 410* Width 350* height 500MM

Weight: About 15KG

• 产品简介

GD-616N焊锡机广泛应用于线束焊接领域，数据线USB . microUSB . miniUSB . 苹果头.Type-C. HDMI插头对接.马达线等，线束焊接，PCB板，LED灯/灯带/灯板.电子元件，开关，可调电阻，电子烟，整流桥，防水接头等连接器焊接，焊接领域广适用能力强，调试安装简单易学

采用HZ-338H-4.3寸PLC触屏一体机，响应及时可靠，抗干扰。支持系统持续更新。

GD-616N焊锡机分电动和气动两个版本，系统可以同时支持两个版本自由切换，清洁烙铁头模式也可以支持不同需求自由切换，灵活多变。功能更强进。

因操作不当导致参数紊乱后，可默认参数进行出厂数据恢复，即可恢复出厂前设置

. Product Introduction

GD-616N soldering machine is widely used in the field of wire harness welding, data line USB.micro USB. miniUSB.Apple head Type-C.HDMI plug, butt motor wire, etc., wire east welding, PCB board, LED light/strip/light board electronic components, switches, adjustable resistors,Electronic cigarette, rectifier bridge, waterproof joint and other connectors welding, welding field wide application ability, Debugging and installation, easy to learnHZ-338H-4.3 inch PLC touch screen integ rated machine, timely and reliable response, anti-interference. Support system continuous update.GD-616N soldering machine is divided into electric and pneumatic versions,the system can support the free switching of two versions at the same time,and the clean soldering tips mode can also support the free switching of different needs,flexible. More powerful.If the parameters are confused due to improper operations,you can restore the default parameters to factory Settings

单轨自动焊锡机
(R轴旋转/不旋转)

Single-rail automatic soldering machine
R-axis rotation/no rotation



产品特点

- 1、具有点焊、拖焊（拉焊）功能。
- 2、温控为高频涡流发热原理
实现产品批量无虚焊。
- 3、设备可存储操作程序，同一机器可对不同多款
式产品进行焊锡加工。
- 4、焊锡夹头弹簧缓冲压力可微调，减少对焊盘的
损害。
- 5、设备机械手臂均为铝型材开模铸造，多轴联动
机械手、精密步进马达驱动。
- 6、送锡装置带无锡卡锡报警功能。
- 7、双刷洁咀器，及时清洁焊头，稳定焊
锡加工质量与延长烙铁咀使用寿命。

Features

Have the function of electric welding, bouldering (pull welding)
Temperature control is the principle of high frequency eddy current heating
The equipment can store operating procedures, the same machine can be different types of products for soldering tin processing
Soldering chuck spring cushion pressure can be adjusted to reduce the damage to the pad
The mechanical arm of the equipment is cast aluminum profile, multi-axis linkage manipulator, precision step motor drive
Tin delivery device with alarm function
The exclusive development of double brush nozzle device, timely clean welding head, stable soldering quality and extend the service life of soldering iron tip

产品规格 | CHANPIN GUI GE

型号		331	441	531	641
		331R	441R	531R	641R
行程	X	300mm	400mm	500mm	600mm
	Y	300mm	400mm	300mm	400mm
	Z	100mm			
	R	340			
重复精度	X-Y-Z-R	±0.01mm			
工具负载		3kg			

Specifications

model		331	441R	531	641
		331R	441	531R	641R
trip	X	300mm	400mm	500mm	600mm
	Y	300mm	400mm	300mm	400mm
	Z	100mm			
	R	340			
	X-Y-Z-R	5-600mm/sec			
speed	X-Y-Z-R	5-600mm/sec			
repeatability precision	X-Y-Z-R	±0. 01mm			
load	work load	6kg			
	Tool load	3kg			

Double-Y automatic soldering machine
R-axis rotation/no rotation

双轴自动焊锡机
(R轴旋转/不旋转)



产品特点

- 手持式教编程
- 高频加热控制器，多种功率可供选择
- 带报警出锡控制器及多数精密送锡器可选配
- 大功率高频涡流手柄可选配
- 高频机器人专用焊咀，长寿命焊咀
- 特殊规格尺寸平台可定制

Features

- 1. Teach programming by hand
- 2.High frequency temperature heating controller,a variety of power can be selected
- 3.Solder emitting controller with alarm and most precise solder feeder can be optional
- 4.High power high-frequency eddy current handle is optional
- 5.High frequency robot special tip,long life tip
- 6.Special specification and size poatform can be customized

产品规格 | CHANPIN GUI GE

型号		5331	5441	6331	6441	6551
		5331R	5441R	6331R	6441R	6551R
行程	X	500mm	400mm	600mm	600mm	600mm
	Y1	300mm	400mm	300mm	400mm	500mm
	Y2	300mm	400mm	300mm	400mm	500mm
	Z	100mm				
	R	340				
速度	X-Y-Z-R	5-600mm/sec				
重复精度	X-Y-Z-R	±0.01mm				
负载	工作负载	6kg				
	工具负载	3kg				

Specifications

model		5331	5441	6331	6441	6551
		5331R	5441R	6331R	6441R	6551R
trip	X	500mm	500mm	600mm	600mm	600mm
	Y1	300mm	400mm	300mm	400mm	500mm
	Y2	300mm	400mm	300mm	400mm	500mm
	Z	100mm				
	R	340				
speed	X-Y-Z-R	5-600mm/sec				
repeatability precision	X-Y-Z-R	±0. 01mm				
load	work load	6kg				
	Tool load	3kg				

无铅焊台系列
Lead-free soldering station series



UL-610



GD-801

特点

- 采用高频涡流加热，传感器前置设计，回温迅速。
- 发热芯、传感器分体设计，更换方便。
- 数字式校准温度，操作简单方便。
- 密码式温度锁定功能，有效保障生产工艺。
- 防静电设计，多款烙铁咀可供选择。

Features

- Adopt high-frequency eddy current heating, sensor front design, rapid temperature return.
- Design of heating core and sensor split, easy to replace
- Digital calibration temperature, easy to operate
- Coded temperature locking function, effectively guaranteeing production process
- High-power design, wide application range
- Anti-static design, convenient to change welding nozzle

规格

名称	Model	UL-610/GD-801
功率	Power	180W/100W
输出电压	Output voltage	AC 36V,400KHZ
温度范围	Temperature range	50℃-600℃（根据工作模式设定）
焊咀至接地电阻	Tip to ground resistance	< 2Ω
焊咀至接地电势	Tip to ground potential	< 2mV
最大环境温度	Maximum ambient temperature	40℃
温度稳定度	Temperature stability	±2℃-10℃（静止空气，没有负载）
自动休眠功能	Automatic dormancy function	有
密码锁定功能	Password locking function	可选

焊锡机温控

Temperature control of soldering machine



UL-230A



UL-230GCS



UL-350S



UL-350A

性能特点

- 采用高频涡流加热，传感器前置设计，回温迅速
- 发热芯、传感器分体设计，更换方便
- 数字式校准温度，操作简单
- 密码式温度锁定功能，有效保障生产工艺
- 大功率设计，适用范围广泛
- 防静电设计，焊咀更换方便

Features

- Adopt high-frequency eddy current heating, sensor front design, rapid temperature return.
- Design of heating core and sensor split, easy to replace
- Digital calibration temperature, easy to operate
- Coded temperature locking function, effectively guaranteeing production process
- High-power design, wide application range
- Anti-static design, convenient to change welding nozzle

规格参数

名称	Model	UL-230A	UL-230GCS	UL-350S	UL-350A
功率	Power	230W	230W	350W	350W
输出电压	Output voltage	AC 36V,400KHZ	AC 36V,400KHZ	AC 36V,400KHZ	AC 36V,400KHZ
温度范围	Temperature range	50℃-600℃(根据工作模式设定)	50℃-600℃(根据工作模式设定)	50℃-600℃(根据工作模式设定)	50℃-600℃(根据工作模式设定)
焊咀至接地电阻	Tip to ground resistance	< 2Ω	< 2Ω	< 2Ω	< 2Ω
焊咀至接地电势	Tip to ground potential	< 2mV	< 2mV	< 2mV	< 2mV
最大环境温度	Maximum ambient temperature	40℃	40℃	40℃	40℃
温度稳定度	Temperature stability	±2℃-10℃(静止空气没有负载)	±2℃-10℃(静止空气没有负载)	±2℃-10℃(静止空气没有负载)	±2℃-10℃(静止空气没有负载)
发热芯型号	Heater element type	230G	230G	400W	400W
焊咀型号	Type of soldering tip	230G	230G	400W	400W
通讯功能	Communication function	无	有	无	无
自动休眠功能	Automatic dormancy function	可选	可选	可选	可选
密码锁定功能	Password locking function	可选	可选	可选	可选
外体积	Outside dimension	125(L)×115(W)×300(H)mm	125(L)×125(W)×300(H)mm	150(L)×200(W)×300(H)mm	150(L)×200(W)×300(H)mm
重量	Weight(power line)	4.9kg	5.6kg	6.0kg	6.0kg

规格参数

产品型号：S-100烟尘净化器
机身尺寸：（mm）430*230*430（H）
输入电源：AC 220V 50Hz
额定功率：200W
系统流量：Max 260m3/H
过滤效果：最高可达0.3μm 99.9%
噪音：<50db
进出风接口：Φ75mm
机身重量：16kg

Specifications

Machine size:L430*W230*H430
Input power:AC 220 50HZ
Rated power:200w
System fiow:MAX 260 cubic meters/H
Noise:less than 50db
Inlet and outlet port diameter: φ 75
Body weight:18kg



规格参数

产品型号：S-200烟尘净化器
机身尺寸：（mm）430*230*430（H）
输入电源：AC 220V
额定功率：200W
系统流量：Max 363m3/h
过滤效果：最高可达0.3μm99.9%
噪音：<55dB
进出风接口：2*ψ75mm
机身重量：18kg

Specifications

Machine size:L430*W230*H430
Input power:AC 220 50HZ
Rated power:200w
System fiow:MAX 260 cubic meters/H
Noise:less than 50db
Inlet and outlet port diameter: φ 75
Body weight:18kg



G-350/500.S-900

性能特点 Features

针对激光切割,激光打标/激光雕刻等相关行业领域粉尘、烟尘、异味等问题的针对性处理的专业设备。

Professional equipment for targeted treatment of dust,smoke odor and other problems in laser cutting, laser fat loss,laser engraving and other related industries



型号	Model	G-350	G-500	S-900
进风接口	Inlet nitenface	φ75mm(可更改为100mm进风口)	φ 75mm Can be changed to 100mm air intake	φ150mm
输入电压	Input power	AC 220V 50Hz	AC 220V 50Hz	AC 220V 50Hz
额定功率	Voltage power	350W	500W	1000W
风量	Air volume	400m³/h	600m³/h	1500m³/h
风滤效果	Filter effect	0.3μm 99.97%	0.3μm 99.97%	0.3μm 99.97%
噪音	Noise	< 65db	< 65db	< 70db
吸烟管(标配)	Smoking pipe(standard)	尼龙管φ75mm*L2M (可依据实际需求更换)		
排风管(选配)	Exhaust pipe(optional)	连接100mm口径软管	Connect the 100mm hose	连接150mm口径软管 Connect the 150mm hose
机身尺寸	Dimensions	L440*W320*H750mm	L500*W380*H925mm	L620*W500*H1300mm
机身重量 (不含吸烟臂)	Body weight	30kg	50kg	80kg

无铅烙铁咀系列
Lead-free soldering iron nozzle series

特点 Features

- 特殊设计的高热容量焊咀，镀层均匀，寿命超长。
- 品种繁多，根据客户产品的不同，定制最佳的头型满足客户实际使用需求。

pecially designed high heat capacity soldering tips with uniform coating and long life, There are a wide range of produets, aceording to the different customer products. the best customized head type to meet the customer's aetual use requirements

UL-910 911 911B 912 913 230G 500W可非标定做
series replaceble soldering tips

尺寸单位：mm



PC

	A	B
***-10PC	φ1.0	0.5
***-13PC	φ1.3	0.65
***-16PC	φ1.6	0.8
***-20PC	φ2.0	1
***-24PC	φ2.4	1.2
***-30PC	φ3.0	1.5
***-40PC	φ4.0	2

D

	A	B	C
***-16D	φ1.6	0.6	1.5
***-20D	φ2.0	0.8	1.5
***-24D	φ2.4	0.8	1.5
***-30D	φ3.0	1	2
***-40D	φ4.0	1.2	2.5

DV1

	A	B	C	D
***-16DV1	φ1.6	1	0.6	1.5
***-20DV1	φ2.0	1.2	0.8	1.5
***-24DV1	φ2.4	1.4	0.8	1.5
***-30DV1	φ3.0	1.6	1	2
***-40DV1	φ4.0	2	1.2	2.5
***-				
***-				

DV2

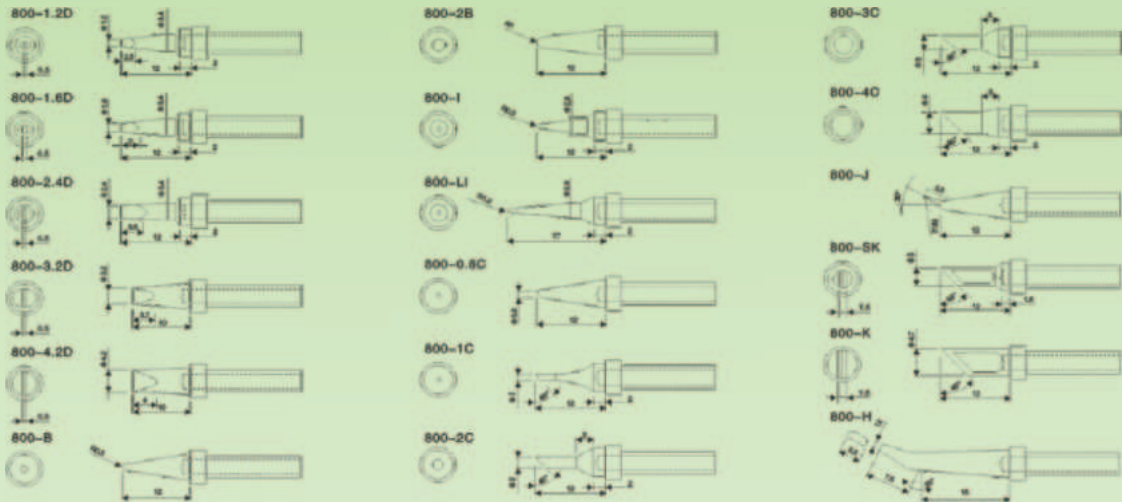
	A	B	C	D
***-16DV2	φ1.0	1	0.6	1.5
***-20DV2	φ2.0	1.2	0.8	1.5
***-24DV2	φ2.4	1.4	0.8	1.5
***-30DV2	φ3.0	1.6	1	2
***-40DV2	φ4.0	3	1.2	2.5

N

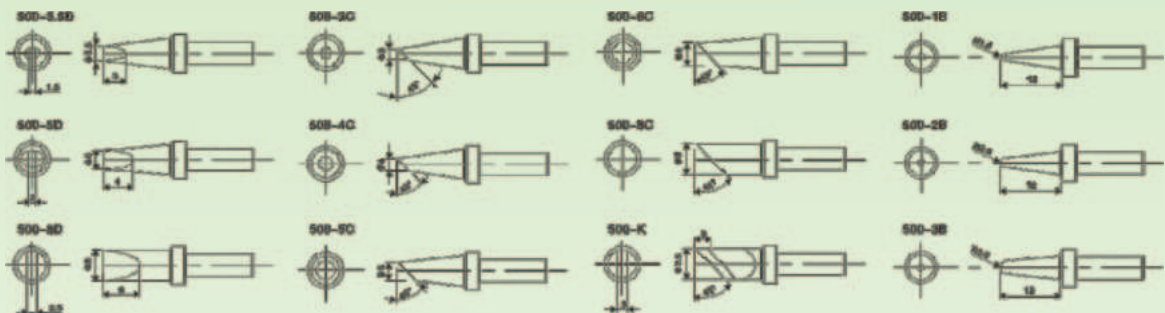
	A	B	C	H
***-22N08H18	2.2	0.8	3.2	1.8
***-28N08H15	2.8	0.8	3.6	1.5
***-30N08H20	3.0	1	4	2
***-32N08H23	3.2	1.2	4	2.3
***-32N08H28	3.2	1.2	4	2.8

无铅烙铁咀系列
Lead-free soldering iron nozzle series

800/200烙铁咀系列 series soldering tips



500烙铁咀系列 series soldering tips



900烙铁咀系列 series soldering tips

