



FEATURES

- Designed for lead free soldering especially.
- Heating up from the room temperature to 350°C within 30 seconds. This tool is used in the fields of electronic research, teaching and production, especially in the repairing and soldering the fields of electronic appliances and communication equipments.
- The soldering station integrates automatic sleep function.
- The station will go into sleep status automatically if the soldering iron is not operated in 15 minutes. during the sleep mode, the temperature of the tip will keep around 200°C. This action will reduce and save the power. The life of the tip will be extended a lot because normally the tip will not be oxidated during the sleep mode. and the station will be back to the previous working condition when pick up the soldering iron or push any key.

Specification

Voltage	Soldering Iron	Power	Temperature	Function
110~130V AC 220~240V AC	24V AC	60W(Heat up rating 130W)	160°C~480°C	LCD

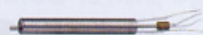


Model ZD-916Z

Code	Voltage supply	Note
89-1615	110~130V	ESD
89-1616	220~240V	
89-1617	110~130V	
89-1618	220~240V	

Spare heater

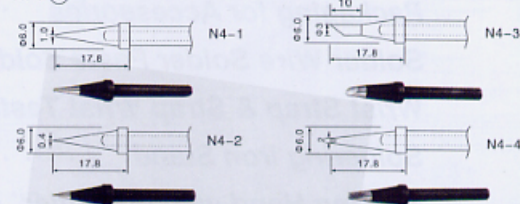
Code	Voltage	Power	Use for	Note
78-415B	24V	60W	88-415B	with temperature probe



Spare tips:

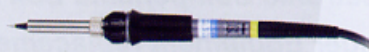
Code	Model	Note
79-1416	TIP N4-1	High quality
79-1426	TIP N4-2	
79-1436	TIP N4-3	
79-1446	TIP N4-4	

TIP: (N4)



Spare soldering iron

Code	Voltage	Power	Note
88-415B	24V	60W	sleep function with 6 pins



Sponge

Code	Size
79-7306	φ 63mm

Model	Package	Q'ty/ctn	Carton Size	N.W	G.W
ZD-916Z	Gift box	2sets	46x29x23cm	5kgs	6kgs

FEATURES

Designed for Lead free soldering especially:

- Heating up from the room temperature to 350°C within 30 seconds.

Intelligent soldering

The power alters with the solder point. The large range of the power can do a wonderful soldering even the solder point is so big. Prevent bad connecting due to the cold soldering.

- Extraordinary heat energy compensation:

The supernatural speed of the temperature compensation can ensure the temperature in peak performance at all times. It is very suitable for lead free soldering and also an absolutely necessary tool in some special low temperature conditions.

Long life soldering tips:

- The soldering temperature lows down and the life of the soldering tip prolongs comparatively.

The quick heat up and the static & precision temperature are for soldering all of the components, such as QFP, PLCC, SOP and BGA.

- Specification

Voltage	Soldering Iron	Power	Temperature	Function
110~130V AC 220~240V AC	24V AC	60W(Heat up rating 130W)	160°C~480°C	LCD



Model ZD-916

Code	Voltage supply	Note
89-1611	110~130V	ESD
89-1612	220~240V	
89-1613	110~130V	
89-1614	220~240V	

Spare heater

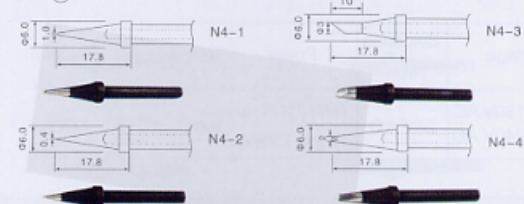
Code	Voltage	Power	Use for	Note
78-415B	24V	60W	88-415A	with temperature probe



Spare tips:

Code	Model	Note
79-1416	TIP N4-1	High quality
79-1426	TIP N4-2	
79-1436	TIP N4-3	
79-1446	TIP N4-4	

TIP: N4



Spare soldering iron

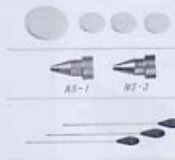
Code	Voltage	Power	Note
88-415A	24V	60W	sleep function with 4 pins



Model	Package	Q'ty/ctn	Carton Size	N.W	G.W
ZD-916	Gift box	2sets	46x29x23cm	5kgs	6kgs



Including the spare parts below:



FEATURES

- The desoldering Station designed for lead free desoldering especially. The quick heating and strong power are for convenient and clear soldering / desoldering all types of DIP components.
- Reasonable structure, single hand operation and strong absorbing power can easily remove of the residual solder from one-sided or twosided of the PCB.
- The desoldering iron gun is controlled automatically by the micro-processor.
- The heating element is made of PTC and the sensor on the desoldering tip can control the desoldering temperature quickly and accurately.

Model ZD-915

Code	Voltage supply	Note
89-1511	110~130V	ESD
89-1512	220~240V	
89-1513	110~130V	
89-1514	220~240V	

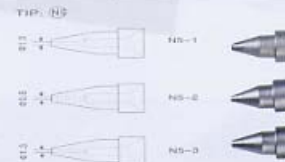
Spare heater				
Code	Voltage	Power	Use for	Note
78-551B	24V	80W	88-552A	with temperature probe



Model ZD-985

Code	Voltage supply	Note
89-8511	110~130V	ESD
89-8512	220~240V	
89-8513	110~130V	
89-8514	220~240V	

Spare tips:		Spare Filter for: ZD-915 ZD-917 ZD-985 ZD-987 φ16.8 Code:79-5518 φ20.8 Code:79-5519
Code	Model	
79-1516	TIP N5-1	
79-1526	TIP N5-2	
79-1536	TIP N5-3	Desoldering Gun Cleaning Tool for: ZD-552 Code:79-5511 79-5512 79-5513 φ 0.7 φ 0.9 φ 1.2



Spare desoldering gun			
Code	Voltage	Power	Note
88-552A	24V	80W	with temperature probe

with 6 pins



Sponge	
Code	Size
79-7301	56X36mm (ZD-985)

Model	Package	Q'ty/ctn	Carton Size	N.W	G.W
ZD-915	Gift box	2sets	46x29x23cm	9kgs	10kgs
ZD-985	Gift box	2sets	41x29x23cm	8kgs	9kgs

Specification

Station		Desoldering Gun	
voltage supply	110~130V AC / 220~240V AC	power consumption	24V AC 80W heat up rating 130W
power consumption	80W	Temperature	160°C~480°C
vacuum pressure	600mm HG	Heating element	Ceramic heater

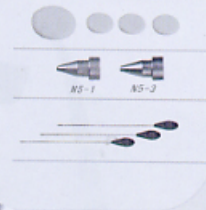


Including the spare parts





Including the spare parts below:



FEATURES

- One desoldering iron with absorbing gun and one soldering iron, playing all the rolls of soldering and desoldering functions.
- High-performance PTC in the desoldering iron provides a continuous heat supply suitable for desoldering all types of components and removing the residual solder easily.
- The soldering station integrates automatic sleep function.
- The station will go into sleep status automatically if the soldering iron is not operated in 15 minutes. during the sleep mode, the temperature of the tip will keep around 200°C. This action will reduce and save the power. The life of the tip will be extended a lot because normally the tip will not be oxidated during the sleep mode. and the station will be back to the previous working condition when pick up the soldering iron or push any key.
- The thermostat function and suitable for soldering different components automatically. The soldering iron and desoldering iron can be used separately or together.

Model ZD-987

Code	Voltage supply	Note
89-8711	110~130V	ESD
89-8712	220~240V	
89-8713	110~130V	
89-8714	220~240V	

Spare heater

Code	Voltage	Power	Use for	Note
78-415B	24V	60W	88-415B	with temperature probe
78-551B	24V	80W	88-552A	



Spare tips:

Code	Model
79-1516	TIP N5-1
79-1526	TIP N5-2
79-1536	TIP N5-3

Spare Filter for:
ZD-915 ZD-917
ZD-985 ZD-987
φ16.8 Code:79-5518
φ20.8 Code:79-5519

TIP: 915

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Desoldering Gun
Clearing Tool for:
ZD-552
Code:79-5511
79-5512
79-5513
φ 0.7 φ 0.9 φ 1.2

Spare soldering iron

Code	Voltage	Power	Note
88-415B	24V	60W	sleep function with 6 pins



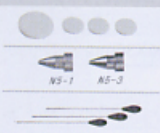
Spare desoldering gun

Code	Voltage	Power	Note
88-552A	24V	80W	with sleep function

with 6 pins



Including the spare parts below:



Model	Package	Q'ty/ctn	Carton Size	N.W	G.W
ZD-987	Gift box	1set	36x26.5x23cm	8kgs	9kgs

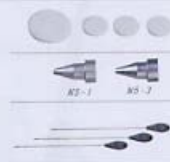
Sponge	Size
Code	79-7305
	65X50mm



FEATURES

- The Soldering & Desoldering station is a high-performance and multi-function station for electronic product research, production and rework.
- The soldering iron and the desoldering gun tool are controlled automatically by two micro-processors. The digital control electronics and high-quality sensor and heat exchange system guarantee precise temperature control at the soldering tip.
- The highest degree of temperature precision and optimal dynamic thermal behavior under load conditions is obtained by the quick and accurate recording of the measured values in a closed control circuit, and this design is especially for the lead-free production technics.
- The high power and slim design makes this iron suitable for fine soldering work. The heating element is made of PTC and the sensor on the soldering tip can control the soldering temperature quickly and accurately.
- The high power and gun type design makes this iron gun suitable for fine desoldering work. The heating element is made of PTC and the sensor on the desoldering tip can control the desoldering temperature quickly and accurately.

Including the spare parts below:



Model ZD-917

Code	Voltage supply	Note
89-1711	110~130V	ESD
89-1712	220~240V	
89-1713	110~130V	
89-1714	220~240V	

Spare heater

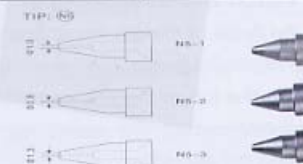
Code	Voltage	Power	Use for	Note
78-415B	24V	60W	88-415A	with temperature probe
78-551B	24V	80W	88-552A	



Spare tips:

Code	Model
79-1516	TIP N5-1
79-1526	TIP N5-2
79-1536	TIP N5-3

Spare Filter for:
ZD-915 ZD-917
ZD-985 ZD-987
φ16.8 Code:79-5518
φ20.8 Code:79-5519



Desoldering Gun
Clearing Tool for:
ZD-552
Code:79-5511
79-5512
79-5513
φ 0.7 φ 0.9 φ 1.2

Spare soldering iron

Code	Voltage	Power	Note
88-415A	24V	60W	sleep function with 4 pins



Spare desoldering gun

Code	Voltage	Power	Note
88-552A	24V	80W	with temperature probe



with 6 pins

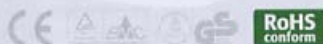


Sponge

Code	Size
79-7305	65X50mm



Including the spare parts below:



Model	Package	Q'ty/ctn	Carton Size	N.W	G.W
ZD- 917	Gift box	1set	36x29x23cm	8.5kgs	9.5kgs

Specification ZD-987/ZD-917

Station		Soldering Iron		Desoldering Gun	
voltage supply	110~130V AC / 220~240V AC	voltage	24V AC	voltage	24V AC
power consumption	60W+80W	power	60W heat up rating 130W	vacuum pressure	600mm HG
main fuse	3.15A	temperature	160°C~480°C	power	80W
function display	LCD	heating element	Ceramic heater	temperature	160°C~480°C



Including the spare parts below:



FEATURES

- Especially designed for lead-free soldering.
- The soldering & reworking station is a high-performance and multi-functional station. It is suitable for soldering and desoldering all types of surface mounted IC and prevents any damage to the PCB or components.
- The soldering station integrates automatic sleep function.
- The station will go into sleep status automatically if the soldering iron is not operated in 15 minutes. during the sleep mode, the temperature of the tip will keep around 200°C. This action will reduce and save the power. The life of the tip will be extended a lot because normally the tip will not be oxidated during the sleep mode. and the station will be back to the previous working condition when pick up the soldering iron or push any key.
- The hot air temperature can be calibrated from 160°C to 480°C continuously
- The hot air temperature can be calibrated from 3L/min to 24L/min continuously
- Playing all rolls in one station with desoldering and soldering function. Widely used in the fields of the electronic production and repairing like chips soldering/desoldering and repairing.
- The temperature sensor on the top of the tips can check the tip temperature quickly and decreasing the possibility of the tip temperature low down during the operation.

Model ZD-982

Code	Voltage supply	Note
89-8211	110~130V	ESD
89-8212	220~240V	
89-8213	110~130V	
89-8214	220~240V	

Spare heater

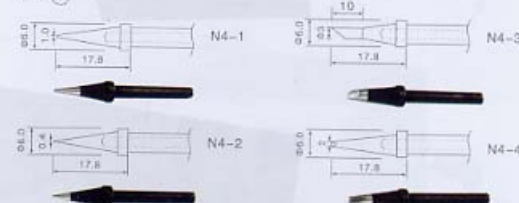
Code	Voltage	Power	Use for	Note
78-415B	24V	60W	88-415B	with temperature probe
79-939A	110-130V	320W	ZD-982	
79-939B	220-240V	320W		



Spare tips:

Code	Model	Note
79-1416	TIP N4-1	High quality
79-1426	TIP N4-2	
79-1436	TIP N4-3	
79-1446	TIP N4-4	

TIP: N4



Spare soldering iron

Code	Voltage	Power	Note
88-415B	24V	60W	sleep function with 6 pins



Sponge

Code	Size
79-7305	65X50mm



Including the spare parts below:



Model	Package	Q'ty/ctn	Carton Size	N.W	G.W
ZD-982	Gift box	1set	36x26.5x23cm	6kgs	7kgs

Specification Model ZD-982/ZD-912

Station		Soldering Iron		Hot Air SMD	
Voltage supply	110~130V AC / 220~240V AC	voltage	24V AC	voltage	110~130V AC / 220~240V AC
power consumption	60W+320W	power	60W heat up rating 130W	capacity	24L/Min.(Max.)
main fuse	3.15A	temperature	160°C~480°C	power	320W
air pump	diaphragm	heating element	Ceramic heater	temperature	160°C~480°C



Including the spare parts below:



FEATURES

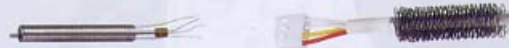
- The Soldering & Reworking Station is a high-performance and multi-function station for electronic product research, production and rework. It is suitable for soldering and desoldering all types of surface mounted IC and prevents any damage to the PCB or components. Especially designed for the lead-free production technics.
- The soldering iron and the hot air desoldering tool are controlled automatically by two micro-processors. The digital control electronics and high-quality sensor and heat exchange system guarantee precise temperature control at the soldering tip.
- The high power and slim design make this iron suitable for fine soldering work. The heating element is made of PTC and the sensor on the soldering tip can control the soldering temperature quickly and accurately.
- The hot air gun with the 320W power and continuously adjustable temperature range from 160°C to 480°C (320°F-896°F) and a wide spectrum of nozzles (see spare parts) can solder and desolder all type of SDP, QFP, PLCC.

Model ZD-912

Code	Voltage supply	Note
89-1211	110~130V	ESD
89-1212	220~240V	
89-1213	110~130V	
89-1214	220~240V	

Spare heater

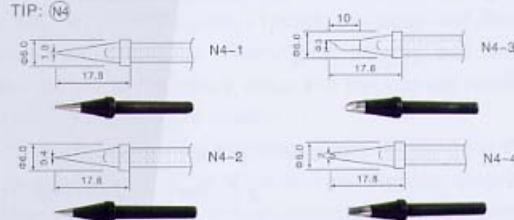
Code	Voltage	Power	Use for	Note
78-415B	24V	60W	88-415A	with temperature probe
79-939A	110~130V	320W	ZD-912	
79-939B	220~240V	320W		



Spare tips:

Code	Model	Note
79-1416	TIP N4-1	High quality
79-1426	TIP N4-2	
79-1436	TIP N4-3	
79-1446	TIP N4-4	

TIP: N4



Spare soldering iron

Code	Voltage	Power	Note
88-415A	24V	60W	sleep function with 4 pins



Sponge

Code	Size
79-7305	65X50mm



Including the spare parts below:



Model	Package	Q'ty/ctn	Carton Size	N.W	G.W
ZD-912	Gift box	1set	46x29x23cm	5kgs	6kgs