

EXSO Corp., Ltd. Since 1978



Excellent Solution, EXSO

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EXSO Catalogue **Vol. 12.1**



INNOBIZ





Our customers are the highest, the biggest, the most important, and the most honorable.

EXSO was established in February 1978 as the first specialized soldering iron and PCB-related equipment manufacturer in Korea with 41 years of history.

EXSO's products are exported to more than 30 countries around the world in addition to the domestic market, are recognized for excellent quality as a world-class brand and building the reputation through manufacturing various products such as soldering irons and electronic tools through continuous technology development and the international certifications and exporting.

All of our products from general commercial soldering irons to PCB-related equipment and peripherals are manufactured through the strict quality control and can be used with trust. We are handling inquiries and inconveniences about our products promptly through our A/S processing system.

EXSO promises to produce the best quality products through the incessant innovations and new product development from 1978 to date, to contribute development of the domestic and global electric and electronic industries and to make best efforts for customer satisfaction with a goal of becoming the best specialized electric and electronic device company.

We would appreciate your continuous support and encouragement and wish the health and good luck to you and your family.



CEO/Chairman Hyeung Sae, Moon

**2012** New office building relocation

**2003** Obtained KSC9202

**2001** Established laboratory

**1989** Obtained Korea Standard (KS) first time in Korea

**1982** Obtained soldering iron type approval

**1978** JINYANG established in Busan



KS C IEC 60335-2-45  
Certification no. : 7082



Technology innovation  
small businesses  
R3021-0425



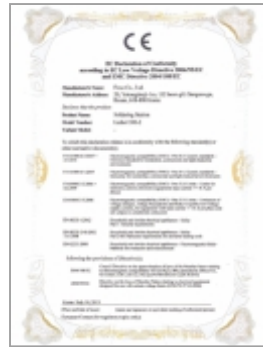
Venture business  
20200108000



Corporate-affiliated laboratory  
20012943



Excellent design for  
soldering station  
LedSol300



CE Certification for  
soldering station  
LedSol300



Patent for soldering iron  
10-855027



Patent for 4-axis  
soldering robot  
10-1877444



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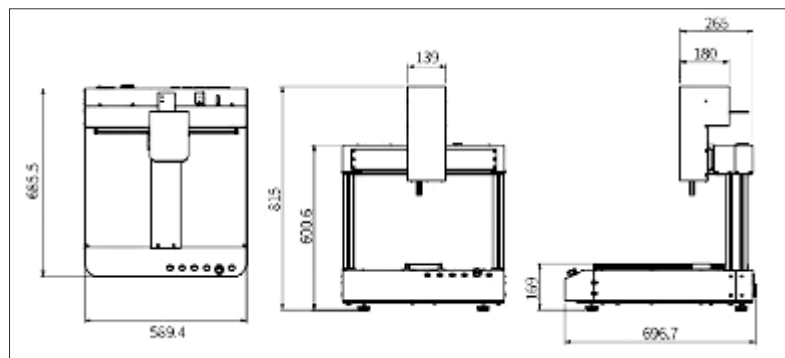
**4-Axis Soldering Robot | AutoRo-7634**



- Adopted desktop robot based on 4-axis
- Excellent effect on investment with reasonable price
- Prompt after service is possible (Made in Korea)
- Easy to make new process using touch type PC
- Adopted air-cleaning for tip
- Adopted window program
- Adopted defect management report creation function so it is possible to manage production volume and defect rate

Model no.	<b>AutoRo-7634</b>	
Voltage	200-240 VAC 50/60 Hz	
Operation mode	Manual (Positions, Speed, Coordinates, Control commands) Auto (Program mode)	
Max step of program	1000 Step(300 Kb size)	
Scope of work	X, Y Axis	400 mm
	Z Axis	100 mm
	R Axis	± 180°
Max moving load	X, Z, R Axis	3 Kg
	Y Axis	10 Kg
Max speed	X, Y Axis	500 mm/s
	Z Axis	300 mm/s
	R Axis	360°/s
Repeat accuracy	X, Z, R Axis	± 0.02 mm
	Y Axis	+ 0.02°
Drive way	5 Phase stepping motor driving (Feeder: 2 Phase stepping motor driving)	
Communication interface	RS 232-1 Ch	
Weight	About 60 kg	

Model no.	<b>High-frequency iron (AutoRo-200)</b>
Power consumption	200W
Output voltage	AC 36V, 400KHZ
Temperature control range	50~600°C
Max surrounding temp	40°C
Temp error range	+2°C
Material	Aluminum Alloy
Size	110 X 200 X 200mm
Weight	4.8kg
earthing resistance	<2Ω
Leakage voltage	<2mV
Tip-charged body IR	>5MΩ
Electromagnetic heating core	Electromagnetic heating core

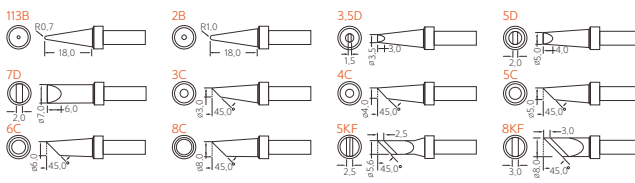


## High-frequency Iron | LedGo-380



Model no.	LedGo-380
Output voltage	AC 36V, 400KHZ
Temperature control range	100~500°C
Max surrounding temp	42°C
Temp error range	+2°C (in still air, no load)
Material	Aluminum Alloy
Size	110 X 105 X 175mm
Weight	3.2KG

### 200P TIP

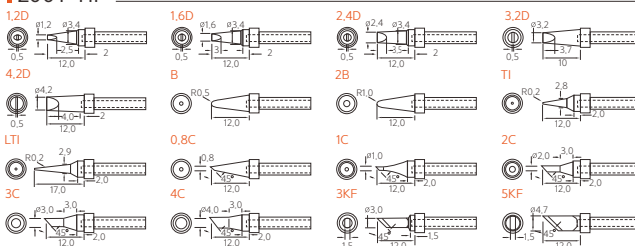


## High-frequency Iron | EHF-4100N



Model no.	EHF-4100N
Output voltage	AC 36V, 400KHZ
Temperature control range	100~500°C
Max surrounding temp	42°C
Temp error range	+2°C (in still air, no load)
Material	Aluminum Alloy
Size	110 X 105 X 155mm
Weight	2.5KG

### 200T TIP



## Digital Temp-controlled iron |

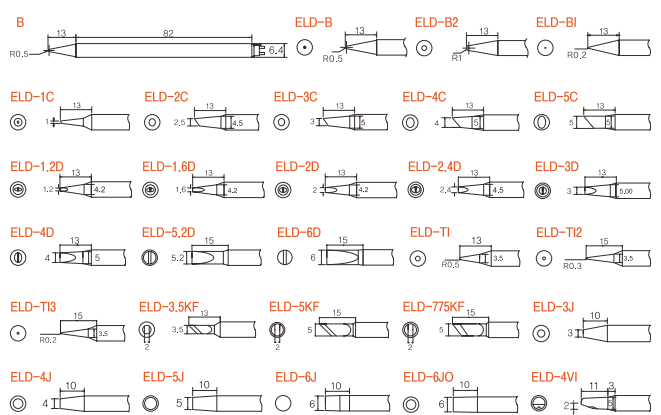
### LedSol 300-2 / LedSol 300-1



- The Heater & the sensor are integrated in the tip(patent no.0037616)
- Excellent Thermal Recovery Performance using PID control
- LCD with Backlight is employed for better visuals
- Soldering Iron of Quick-type is employed for convenient tip change
- Setting Temperature is protected by your password
- Working time is displayed(1ch)
- Auto SleepMode / Auto Power-off

Model no.	LedSol 300-1	LedSol 300-2
Input voltage	AC 220V, 60Hz	
Heater output	24V AC, 75W	24V AC, 75WX2
Power consumption	80W	160W
Temperature control range	100~500°C (212~932°F)	
Weight	2.37kg	2.77kg
Size	108.5(W) X 132(H) X 126.5(D) mm	

### ELD TIP



|| Digital Temp-controlled Iron ||

LedSol-290



Model no.	LedSol-290
Voltage	AC 220V, 60/50Hz
Output voltage	32V AC
Power consumption	70W (Station 5W + Iron 65W)
Weight(with cord)	1.4kg
Size	108.5(W) X 132(H) X 126.5(D) mm

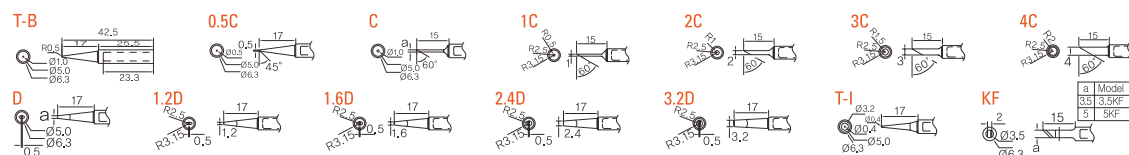
|| Analogue Temp-controlled Iron ||

LedSol-280



Model no.	LedSol-280
Voltage	AC 220V, 60/50Hz
Output voltage	32V AC
Power consumption	70W (Station 5W + Iron 65W)
Weight(with cord)	1.5kg
Size	108.5(W) X 132(H) X 126.5(D) mm

|| 900M TIP



|| Analogue Temp-controller || MTC-1000/2000



Model no.	MTC-1000	MTC-2000
Voltage	110V 50/60Hz	220V 50/60Hz
Range	0~200W (3A)	
Control range	10~100%	
Size	130 X 100 X 60 mm	
Weight(with cord)	500g	

|| Digital Temp-controlled Iron || EF-2050D



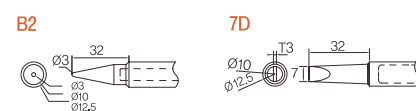
Model no.	EF-2050D
Voltage	220V 60Hz
Power consumption	60W
Temp-range	80~480°C (176~896°F)
Temp error range	±5°C
Heater	Sensor Internal Ceramic Heater
Size	220mm
Weight(exclude the cord)	Approximately 80g

|| High-temp Ceramic Iron || JY-20150



Model no.	JY-20150
Voltage	220V
Power consumption	150W
Tip temp	700~800°C
Insulation resistance	100MΩ
Size	245mm
Weight(exclude the cord)	150g

|| 20150 TIP



The tip is compatible with other company 900M series.

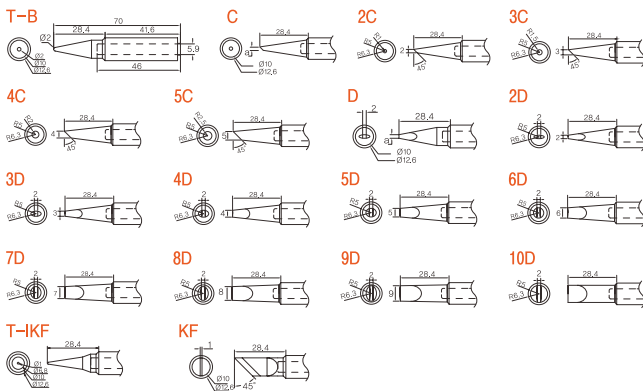
## High-temp Ceramic Iron

JY-2068



Model no.	JY-2068
Voltage	220V
Power consumption	68W
Tip temp	700°C
Insulation resistance	100MΩ
Size	220mm
Weight(exclude the cord)	120g

### ESS TIP



## Gun-type Turbo Iron

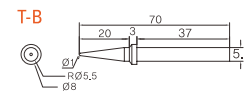
JYP-20860



· Power consumption : 30W/60W(Turbo)

Model no.	JYP-20860
Voltage	220V
Power consumption	30W/60W
Tip temp	400~650°C
Insulation resistance	100MΩ
Size	180mm
Weight(exclude the cord)	90g

### 730 TIP



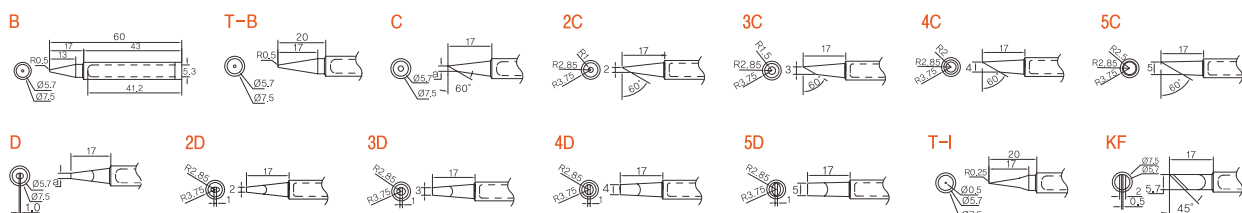
## Turbo Ceramic Iron EX-90BN / EX-90A / GH-60AN / GH-60BN



- Ergonomic design for handle
- Has turbo function(Max:130W, Stable:80W)
- High quality tips with special coating

Model no.	EX-90BN	EX-90A	GH-60AN	GH-60BN
Voltage	220V 60Hz	110/220V(220V)	110/220V 60Hz	220V 60Hz
Power consumption	20 / 120W			
Tip temp	370~700°C			
Insulation resistance	100MΩ			
Size	215mm	210mm	195mm	
Weight(exclude the cord)	60g	60g	100g	

### 980 TIP

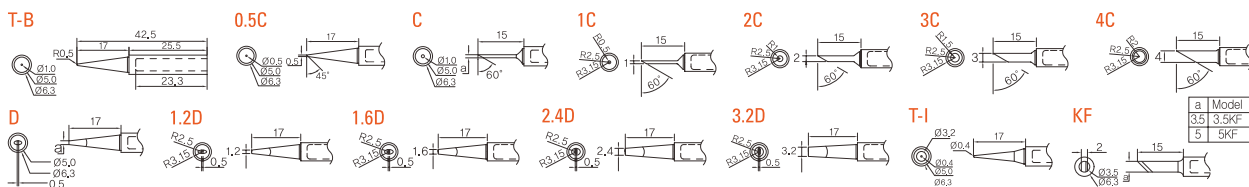


**Ceramic Iron** EHT-2040 / EHT-2030 / EMT-2025 / ELT-2018 / ELT-2015

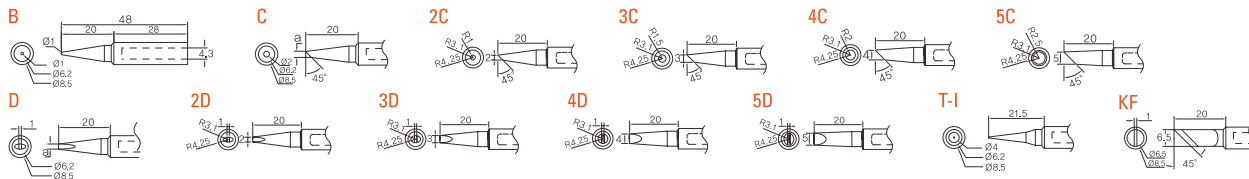


Model no.	EHT-2040	EHT-2030	EMT-2025	ELT-2018	ELT-2015
Voltage	220V 60Hz				
Power consumption	40W	30W	25W	18W	15W
Tip temperature	500°C	470°C	450°C	400°C	370°C
Insulation resistance	100MΩ				
Size	205mm	205mm	193mm	205mm	205mm
Weight(exclude the cord)	60g	60g	50g	50g	50g

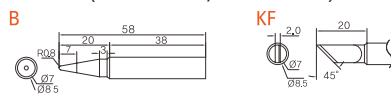
**900M TIP (ELT-2015 / ELT-2018)**



**454 TIP (EMT-2025)**



**455 TIP (EHT-2030 / EHT-2040)**



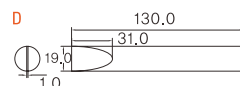
**High-temp Iron** JY-21200N / JY-22200N / JY-21300N / JY-22300N / JY-21500N / JY-22500N



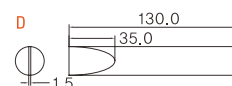
Model no.	JY-21200N	JY-22200N	JY-21300N	JY-22300N	JY-21500N	JY-22500N
Voltage	220V					
Power consumption	200W		300W		500W	
Tip temperature	600°C		700°C		800°C	
Insulation resistance	100MΩ					
Size	380mm	280mm	380mm	280mm	380mm	290mm
Weight(exclude the cord)	680g	670g	800g	780g	800g	1155g

Straight type : JY-21200N / JY-21300N / JY-21500N  
Gun type : JY-22200N / JY-22300N / JY-22500N

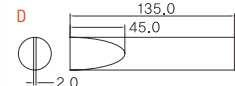
**200D TIP (JY-21200N / JY-22200N)**



**300D TIP (JY-21300N / JY-22300N)**



**500D TIP (JY-21500N / JY-22500N)**





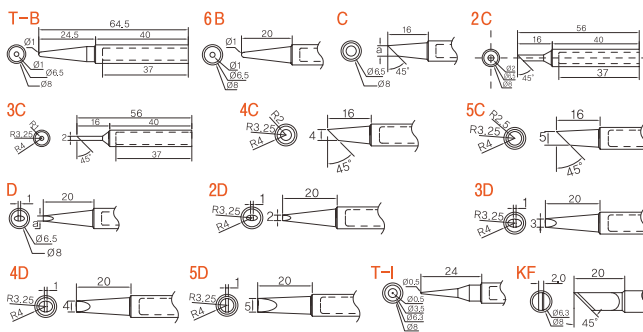
## Ceramic Iron

JY-2000 / JY-2100 / JY-2200

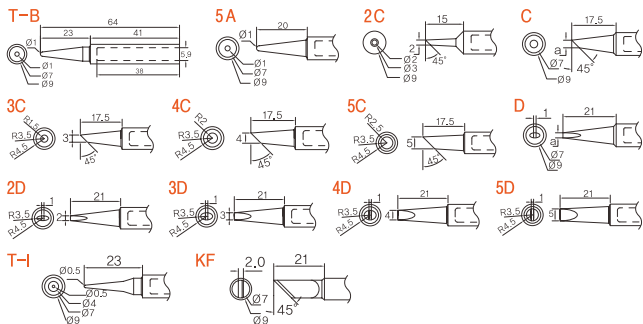


Model no.	JY-2000	JY-2100	JY-2200
Voltage	220V		
Power consumption	18W	25W	40W
Tip temperature	380°C	420°C	450°C
Insulation resistance	100MΩ		
Size	195mm	195mm	215mm
Weight(exclude the cord)	60g	60g	90g

### SX TIP (JY-2000 / JY-2100)



### SY TIP (JY-2200)



## Immediate Heating Iron

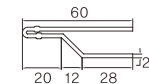
JY-21007



Model no.	JY-21007
Voltage	220V
Power consumption	90/70W
Tip temperature	410°C
Insulation resistance	70MΩ
Size	220mm
Weight(exclude the cord)	760g

- Can work within 6-8seconds
- Adopted LED light

### JY-007 TIP



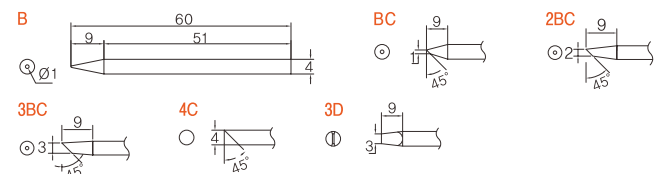
## Textbook Iron

JY-20330 / JY-20340

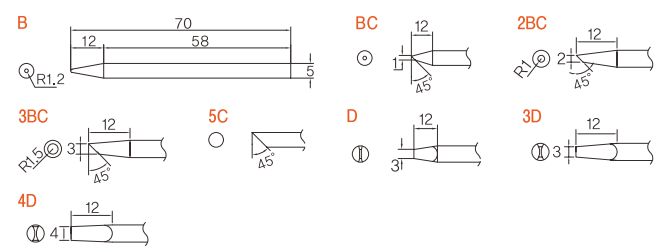


Model no.	JY-20330	JY-20340
Voltage	220V	
Power consumption	30W	40W
Tip temperature	380°C	420°C
Insulation resistance	100MΩ	
Size	190mm	200mm
Weight(exclude the cord)	40g	50g

### 4ΦB TIP (JY-20330)



### 5ΦB TIP (JY-20340)



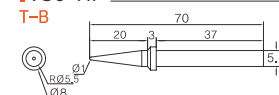
## Textbook Iron

JY-20730 / JY-20740 / JY-20730S



Model no.	JY-20730	JY-20740	JY-20730S
Voltage	220V		
Power consumption	30W	40W	30W
Tip temperature	380°C	420°C	380°C
Insulation resistance	100MΩ		
Size	205mm		
Weight(exclude the cord)	70g		

### 730 TIP



|| General Purpose Wood Handle Iron ||

JY-21001 / JY-21002 / JY-21003 / JY-21004 / JY-21005 / JY-21006 / JY-20180 / JY-20200



Model no.	JY-21001	JY-21002	JY-21003	JY-21004	JY-21005	JY-21006	JY-20180	JY-20200
Voltage	220V							
Power consumption	30W	40W	60W	80W	100W	150W	180W	200W
Tip temperature	380°C	420°C	450°C	500°C	550°C	600°C	600°C	650°C
Insulation resistance	70MΩ							
Size	205mm	230mm	235mm	280mm	290mm	300mm	300mm	300mm
Weight(exclude the cord)	55g	70g	80g	120g	135g	175g	180g	180g

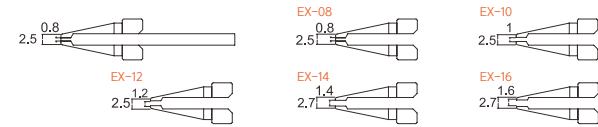
4φ TIP (JY-21001)	B		BC		2BC		3BC		4C		3D	
	5φ TIP (JY-21002)	B		BC		2BC		3BC		5C		D
6φ TIP (JY-21003)	B		BC		2BC		3BC		4BC		5BC	
	7φ TIP (JY-21004)	B		BC		2BC		3BC		4BC		5BC
8φ TIP (JY-21005)	B		BC		2BC		3BC		4BC		5BC	
	10φ TIP (JY-21006) (JY-20180) (JY-20200)	B		BC		2BC		3BC		4BC		5BC

## De-soldering Station || LedSol-350 / LedSol-70



- Easy one touch type gun for removing grounds
- Applied 160W trans, PID control
- LCD with backlight
- Applied High absorptive power(over 700mmHG)

### 350 NOZZLE



Model no.	<b>LedSol 350</b>
Input voltage	AC 220V, 60Hz
Heater output	24V AC, 75W
Power consumption	160W
Suction power	700mmHG
Temp-controlled range	100~500°C
Weight	2.3Kg
Size	108,5(W) X 132(H) X 126,5(D)



[Spring Filter]  
EX-7198/LedSol-350



[Filter]  
EX-7198/LedSol-350

## Gun Type De-soldering Iron || EX-7199



- Temp-controlled

Pump way	Double pump (Double cylinder type)	Heater	80W(Ceramic heater)
Vacuum type	Separate type	Resistance	More than 100MΩ
Max suction power	650mmHg	Temp-range	380°C ~ 480°C
Voltage	220V 60/50HZ	Basic tip	Standard Ø1,0
Motor output	≤ 20W	Cord length	1,8m

### EX-7199 NOZZLE 7199-1.0Ø / 7199-1.5Ø / 7199-2.0Ø



## De-soldering Station || EX-7198ESD



### Station(EX-7198-ESD)

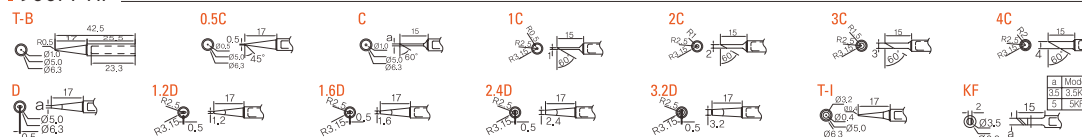
Input voltage	AC 220V
Station power consumption	10W
Full power consumption	120W (Main body + Iron + Removal iron)
Vacuum type	Vacuum Pump, Double Cylinder Type
Max suction power	600mmHG
Suction volume	15L/min
Weight(exclude the cord)	3,9Kg
Size	188(W) X 170(H) X 280(D)

Separation	Soldering Iron(EX-7198)	Removal Soldering Iron(EX-7198)
Power consumption	AC 24V/30W	AC 24V/80W
Temp-range	200~480°C	200~450°C
Insulation resistance	More than 10MΩ	
Leakage voltage	Under 2mV	Under 2mV
Weight(with cord)	110g	300g
Size	190mm	170mm

### 7198 NOZZLE



### 900M TIP



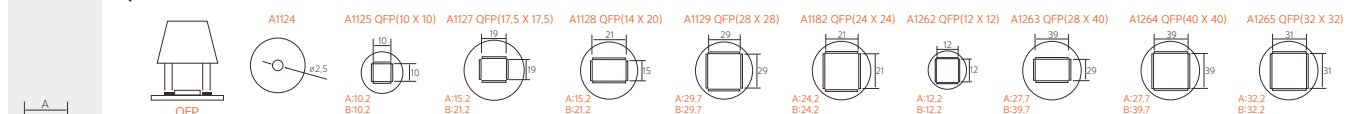
## Re-work Station EX-930 / EX-930S



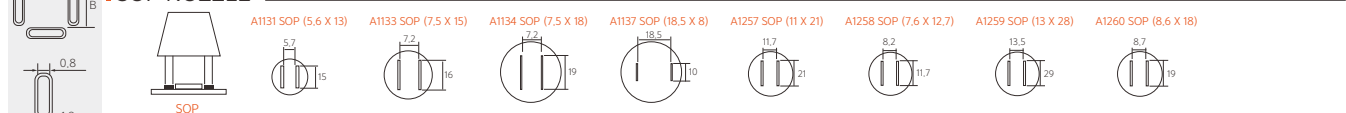
- Safety ESD system
- Adopted heater protection function
- Possible to control air shoot volume

Station		Hot-air	
Voltage	AC 220V/20W(Power off : 2W)	Voltage	AC 220V/250W
Pump way	Diaphragm Pump	Temp-range	100~500°C
Pump capacity	23L/min.(Max)	Size	185mm
Size	187(W) X 135(H) X 245(D)mm	Weight	160g
Weight	2.7Kg		

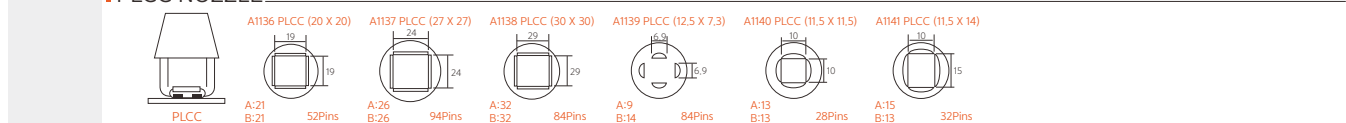
### QFP NOZZLE



### SOP NOZZLE



### PLCC NOZZLE



## Gun-type Wireless Iron EX-376G



Model no.	EX-376G / EX-376
Power consumption	6W
Adapter	DC 5V/ 750mA
Charging time	About 4 hours (in full charging)
Battery	3.7V 2,600mAh Li-ion Battery
Tip temp	Maximum 420°C
Usable time	About 2 hours (continuous use)

## Straight-type Wireless Iron EX-376



- Quick heating within 20min

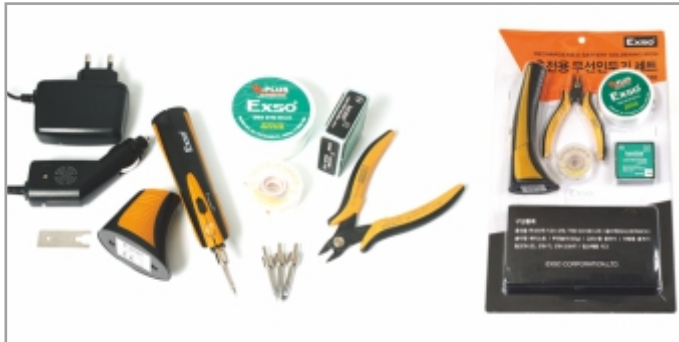


EX-376/EX-376G Vehicle Charger    EX-376/EX-376G Battery    EX-376/EX-376G Adaptor

### EX-376 / EX-376G Public Tips

376-B ※ Basic Mounting Tips		376-2D	
376-TI		376-3.5KF	

## || Straight-type Wireless Iron Kit || EX-376S



EX-376, TRE-03-NB, Solder-wick, Soldering paste, Pb-free solder wire 50g, 220V charger, Car mount charger / Tip (376-2D,376-T1, 376-3.5KF) / Jig for tip changing

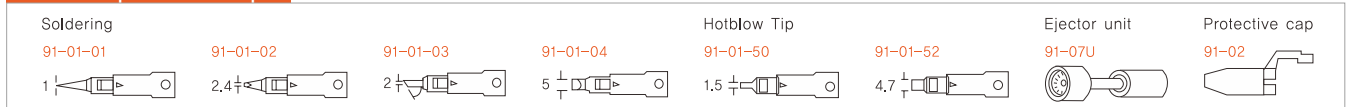
※ The contents may be changed without prior notice

## || Gas Iron || GAI-28A / GAI-14 / GAI-06

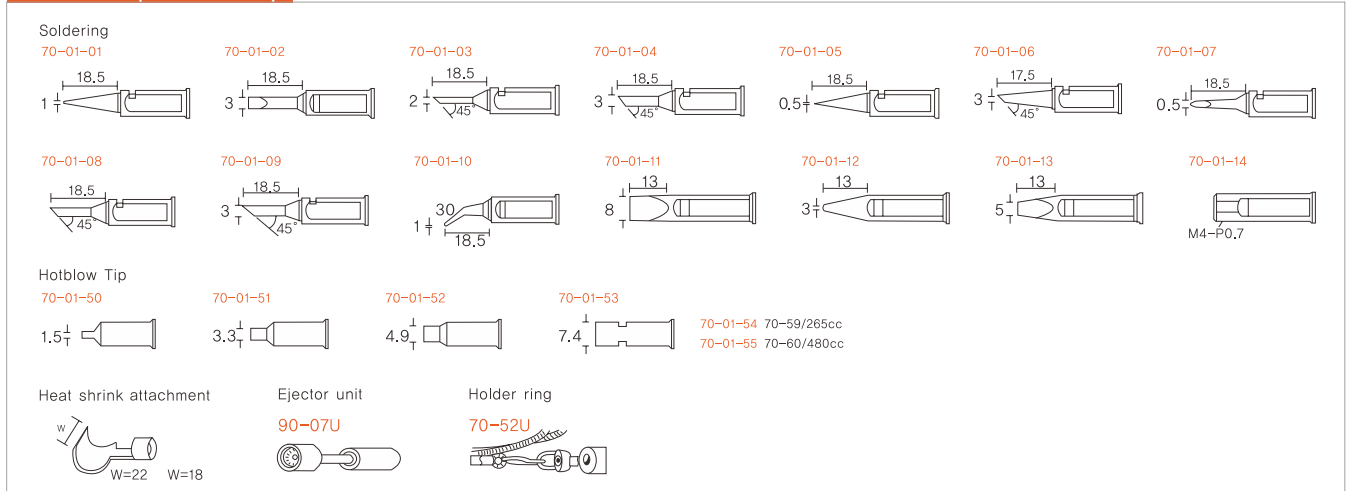


Model no.	GAI-28A	GAI-14	GAI-06
Temp-range	200~650°C	200~550°C	200~450°C
Capacity	28cc	14cc	6cc
Usable time	2hr	1hr 15min	20min
Size	260mm	210mm	165mm
Weight	100g	66g	53g

### GAI-14 Replacement tip



### GAI-28A Replacement tip



## Auto Solder Feeder Station EX-937



·Foot pedal and handle switch can be used

**Need to buy iron separately (not included iron)**

Model no.	EX-937
Voltage	220V
Power consumption	5W
Motor spec	DC 24V 3.2W
Solder wire thickness(mm)	0.6 / 0.65 / 0.8 / 1.0 / 1.2 / 1.6
Solder wire output time	0-7 seconds
Solder wire output speed	4.5mm-26mm
Solder wire output capacity	0-182mm
Size	107 X 110 X 215
Weight	1.5kg

·Available EXSO irons

ELT-2015 / ELT-2018

LedSol-280 / LedSol-290

TC-50 / EHF-4100N

## Immediately Heating Cutting Iron EXV-2470



Half moon type tip  
(Standard tip)



Triangle type tip



Model no.	EXV-2470
Voltage	220V 60Hz
Power consumption	120W
Max temp	900°C ±10%
Weight	About 450g
Cord length	3.0m
Size	290mm

## Auto Solder Feeder Soldering Iron EX-586G



·Trigger type solder wire feeder iron

·Solder wire 1.0mm included

Model no.	EX-586G
Voltage	220V 60Hz
Power consumption	60W
Temp-range	400°C
Temp error range	±10%
Size	200 X 150mm
Pre-heating time	3~5mim
Weight	180g
Nozzle size	2.0mm
Serviceable wire thickness	0.8~1.2mm
Serviceable tip	6ØFB
Cord length	2.5m

## Multi-purpose Iron EXV-2400S



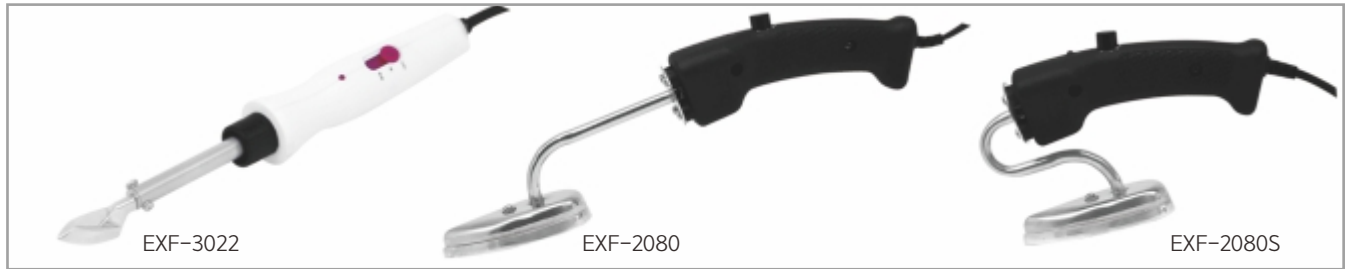
Model no.	EXV-2400S
Power consumption	100/200W
Size	360mm
Weight(with cord)	440g
Cord length	2.5m
Blade size	50 X 30mm 100 X 30mm

## Floor Repairing Iron EXV-2025



Model no.	EXV-2025
Tip temperature	280~300°C
Size(exclude the cord)	205mm
Weight(exclude the cord)	50g

## Mini / Iron Type Iron || EXF-3022 / EXF-2080 / EXF-2080S



Model no.	EXF-3022	EXF-2080S	EXF-2080
Voltage	220V	220V	220V
Power consumption	10/20W	40/80W	40/80W
Temp	150~180°C / 240~285°C	230°C ±5% / 350°C ±5%	230°C ±5% / 350°C ±5%
Size	250 X 32mm	200(L) X 50(W) X 110(H)	370(L) X 60(W) X 90(H)
Cord length	1.5m	2.5m	1.5m
Weight	200g	420g	300g

## ERT Tip ||



### Customizing possible

- AC48V, 120W
- Tip for soldering robot only
- Built-in K type sensor
- Plating with black chrome
- High quality with SUS-316 material

ERT	<b>B</b>		<b>ERT-B</b>		<b>ERT-B2</b>		<b>ERT-BI</b>			
	<b>ERT-1C</b>		<b>ERT-2C</b>		<b>ERT-3C</b>		<b>ERT-4C</b>		<b>ERT-5C</b>	
	<b>ERT-1.2D</b>		<b>ERT-1.6D</b>		<b>ERT-2D</b>		<b>ERT-2.4D</b>		<b>ERT-3D</b>	
	<b>ERT-4D</b>		<b>ERT-5.2D</b>		<b>ERT-6D</b>					
	<b>ERT-TI</b>		<b>ERT-TI2</b>		<b>ERT-TI3</b>					
	<b>ERT-3.5KF</b>		<b>ERT-5KF</b>		<b>ERT-7.75KF</b>					
	<b>ERT-3J</b>		<b>ERT-4J</b>		<b>ERT-5J</b>		<b>ERT-6J</b>		<b>ERT-6JO</b>	
	<b>ERT-4VI</b>									

|| EXSO Solder ||

| Solder Paste (Flux from Japan)



**Lead Solder** EAP-63  
Sn 63% Pb 37%

| Wire Solde



**Lead Solder** EA2 ~ EA8

**Lead-free Solder** EA11 ~ 17 / EA20 ~ 26  
EA29 ~35

| Bar Solde



**Lead Bar Solder**

EA9

**Lead-free Bar Solder**

EA18 / EA27 / EA36

Model No.	규격	단위	비고
EA-2	Lead Solder Sn60%,Pb40% 0.6mm	1kg	Pb
EA-3	Lead Solder Sn60%,Pb40% 0.8mm	1kg	
EA-4	Lead Solder Sn60%,Pb40% 1.0mm	1kg	
EA-5	Lead Solder Sn60%,Pb40% 1.2mm	1kg	
EA-6	Lead Solder Sn60%,Pb40% 1.6mm	1kg	
EA-7	Lead Solder Sn60%,Pb40% 2.0mm	1kg	
EA-8	Lead Solder Sn60%,Pb40% 3.0mm	1kg	
EA-9	Lead Bar Solder Sn63%,Pb37%	500g	
EA-11	Lead-free Solder Sn96.5%,Ag3%,Cu0.5% 0.6mm	1kg	
EA-12	Lead-free Solder Sn96.5%,Ag3%,Cu0.5% 0.8mm	1kg	
EA-13	Lead-free Solder Sn96.5%,Ag3%,Cu0.5% 1.0mm	1kg	
EA-14	Lead-free Solder Sn96.5%,Ag3%,Cu0.5% 1.2mm	1kg	
EA-15	Lead-free Solder Sn96.5%,Ag3%,Cu0.5% 1.6mm	1kg	
EA-16	Lead-free Solder Sn96.5%,Ag3%,Cu0.5% 2.0mm	1kg	
EA-17	Lead-free Solder Sn96.5%,Ag3%,Cu0.5% 3.0mm	1kg	
EA-18	Lead-free Bar Solder Sn96.5%,Ag3%,Cu0.5%	500g	
EA-20	Lead-free Solder Sn99.3%,Cu0.7% 0.6mm	1kg	Pb-Free
EA-21	Lead-free Solder Sn99.3%,Cu0.7% 0.8mm	1kg	
EA-22	Lead-free Solder Sn99.3%,Cu0.7% 1.0mm	1kg	
EA-23	Lead-free Solder Sn99.3%,Cu0.7% 1.2mm	1kg	
EA-24	Lead-free Solder Sn99.3%,Cu0.7% 1.6mm	1kg	
EA-25	Lead-free Solder Sn99.3%,Cu0.7% 2.0mm	1kg	
EA-26	Lead-free Solder Sn99.3%,Cu0.7% 3.0mm	1kg	
EA-27	Lead-free Bar Solder Sn99.3%,Cu0.7%	500g	
EA-29	Lead-free Solder Sn99.2%,Ag0.3%,Cu0.5% 0.6mm	1kg	Pb-Free
EA-30	Lead-free Solder Sn99.2%,Ag0.3%,Cu0.5% 0.8mm	1kg	
EA-31	Lead-free Solder Sn99.2%,Ag0.3%,Cu0.5% 1.0mm	1kg	
EA-32	Lead-free Solder Sn99.2%,Ag0.3%,Cu0.5% 1.2mm	1kg	
EA-33	Lead-free Solder Sn99.2%,Ag0.3%,Cu0.5% 1.6mm	1kg	
EA-34	Lead-free Solder Sn99.2%,Ag0.3%,Cu0.5% 2.0mm	1kg	
EA-35	Lead-free Solder Sn99.2%,Ag0.3%,Cu0.5% 3.0mm	1kg	
EA-36	Lead-free Bar Solder Sn99.2%,Ag0.3%,Cu0.5%	500g	
EAP-63	Lead Solder Cream Sn63%,Pb37%	500g	Pb



## Stand

LedSol-50



Stand for LedSol-300

Weight	520g
Size	165 X 75 X 85mm
Tip thickness	Less than 7mm

ST-77



Stand for ETW-30

Weight	280g
Size(Bottom Plate)	190 X 70mm

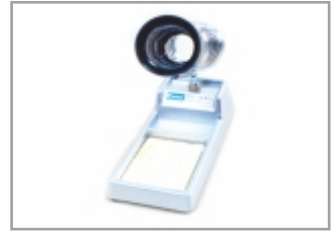
ST-78



Stand for ELT, EMT, EHT Series

Weight	320g
Size(Bottom Plate)	160 X 80mm

ST-68S

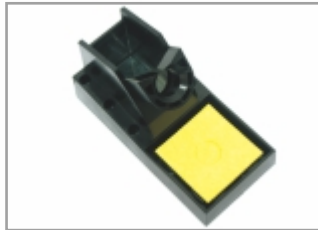


Weight	310g
Size(Bottom Plate)	140 X 60mm

ST-99



ST-88



ST-78D



EXD-52



Stand for ELT, EMT, EHT Series

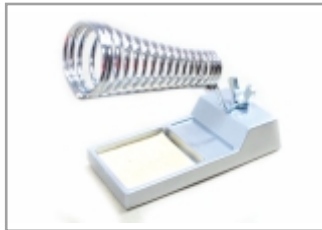
Weight	570g
Size	190 X 85 X 75mm

Weight	300g
Size	160 X 80 X 95mm

Weight	470g
Size(Bottom Plate)	160 X 80mm

Weight	600g
Size(Bottom Plate)	155 X 95mm

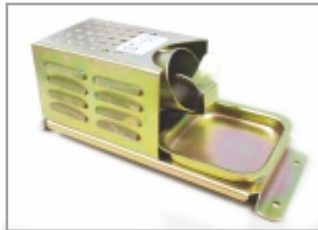
ST-58



Stand for text book iron

Weight	240g
Size(Bottom Plate)	110 X 50mm

ST-66



Stand for JY series iron

Weight	320g
Size(Bottom Plate)	190 X 70mm

LST-57



Stand for all EXSO iron except JY-21004-21006 and JY-21007

## Solder Holder

EXD-51



Weight	520g
Size	85 X 95 X 75mm

## Tip Cleaner

CLEANER 99A



Case weight	About 30g
Scrub brush weight	About 30g
Height	About 65mm(Including rubber plate)
Width	About 67mm

## Tip Cleaner

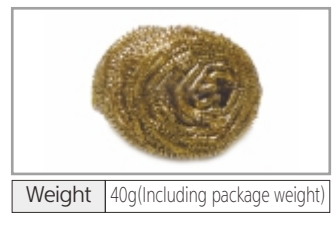
CLEANER 99B



Size	80 X 30mm
Weight	90g(Including scrub brush)

## Steel Wool

CLEANER99-S



Weight	40g(Including package weight)
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## || Soldering Pot ||

SOT-100 Soldering Pot / 100W SOT-100 Heater



100W SOT-100 Heater

Model no.	<b>SOT-100</b>
Power	220V/60Hz 100W
Lead Pot Temperature	200~450°C
Pot Size	38mm
Inside Diameter of Pot	30mm
Dissolved Amount of Lead	300g
Weight	500g
Size	160 X 90 X 50 mm

## || De-soldering Tool ||

DS-1010



DS-1030



Model no.	<b>DS-1010</b>	<b>DS-1030</b>
Size	215mm	240mm
Weight	50g	50g

## || Solder Wick || ·MADE IN U.S.A

1822-5F



TECHSPRAY

Width	1.9mm
Size	1.5m
Weight	10g

PW3-5 (USA)



0.75" X 5'

## || Silicone Mat || EXS-160



·The products in the picture are just for acting out.

Model no.	<b>EXS-160</b>
Material	Silicone
Size	450 X 300mm
Weight	650g

## || Brush || ·MADE IN U.S.A

30-HH(小)



36-HH(大)



Model no.	<b>30-HH(小)</b>	<b>36-HH(大)</b>
Size	195mm	210mm
Weight	20g	50g

## || Antistatic Device || EX-611B



Length	1.6m
Weight	20g

## || Eco-friendly Cleaner || ·MADE IN U.S.A



1621-1L



1621-5GL

## || Eco-friendly Paste || ·MADE IN U.S.A

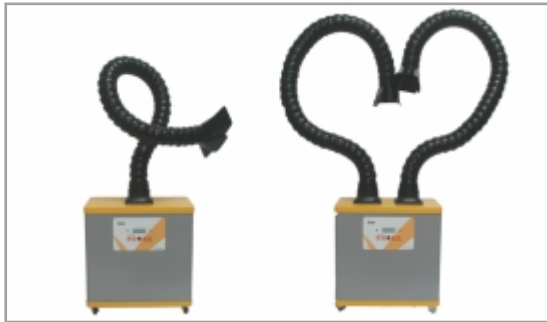


QSP-57



20KG

## Digital Fume Extractor || EXC-6001D / EXC-6002D



- Metal body structure, strong and durable
- Noise reduction design, quite operation
- Triple-filter design ensures thorough purification
- High-quality alloy fan achieves great suction power

Model no.	Voltage	Power consumption	Tube	Suction Amount	Suction speed	Suction power	Tube length	Noise	Size	Weight
EXC-6001D	110V/220V	80W	1	235m <sup>3</sup> /h	17m/s	0.3μm99.97%	Ø75mm X 1.4m	<55dB	420 X 245 X 400	12kg
EXC-6002D	110V/220V	200W	2	2 X 150m <sup>3</sup> /h	2 X 11m/s	0.3μm99.97%	Ø75mm X 1.4m	<60dB	420 X 245 X 400	13kg

## Tube and Filter || EXC-6001/6002



[EXC-6001/6002 Pre-filter] EXC-6001-P

For filtering big particles of over 50 μm in the fume

[EXC-6001/6002 Middle filter] EXC-6001-C

For filtering dust particles; for particles above 0.3 μm, its filtering efficiency reaches 99.97%

[EXC-6001/6002 Main filter] EXC-6001-M

For filtering hazardous gases, its filtering efficiency reaches above 95

Model no.	EXC-6001/6002 Tube
Tube length	Ø75mm X 1.4m

## Desktop Fume Extractor || EXC-800



·With 3 different air flow speed to select

·Two options for operation with the duct or without the duct

·Lightweight and compact design, save space and easy to move

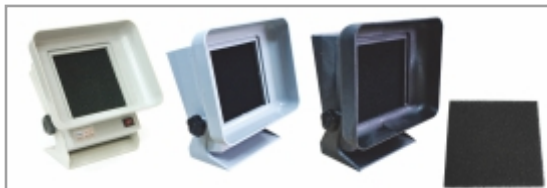
[Main filter] EXC-800-M [ Pre-filter] EXC-800-P

※ Tube Separate purchase

Model no.	EXC-800 Tube
Tube length	50mm X 1.2m
Nozzle	50 mm silica gel, Aluminum alloy square shape

Model no.	Air Inlet	Voltage	Power consumption	Suction amount	Suction power	Noise	Tube length	Size	Weight
EXC-800	Open Type	AC 220V	35/60/80W	75/100/110m <sup>3</sup> /h	0.3μm99.97%	<52/57/59dB	1.2m	300 X 270 X 300	4.3kg

## Smoke Absorber || JY-SA1 / JY-SA2 / JY-SA2 ESD / JY-SA2-F



·High performance fan and use the filter with refined activated

·carbon having a high absorbing performance

·Fully adjustable fan and easy to replace the filter

Model no.	JY-SA1	JY-SA2	JY-SA2 ESD
Voltage	110V 50/60Hz	220V 50/60Hz	220V 50/60Hz
Maximum air volume	105~126CFM	105~126CFM	105~126CFM
Weight	1.1kg	1.2kg	1.2kg

## Smoke Absorber || JY-SA20(Air Blower)



Model no.	JY-SA20	Size	160 X 270 X 320mm
Voltage	220V	Weight	1.77kg
Power consumption	23W	Noise	60Db
Current	0.19A		
Maximum air flow	1.35m <sup>3</sup> /min		
Maximum voltage	14.90mmH <sub>2</sub> O		

**Glue Gun**

**GR-20**



Model no.	<b>GR-20</b>
Voltage	80-220V
Power consumption	20W
Nozzle temp	150°C
Insulation resistance	100MΩ
Size	115mm
Weight(exclude the cord)	80g
Glue stick	7,3Ø

**GR-20P**



Model no.	<b>GR-20P</b>
Voltage	80-220V
Power consumption	20W
Nozzle temp	150°C
Insulation resistance	100MΩ
Size	115mm
Weight(exclude the cord)	80g
Glue stick	7,3Ø

**GRD-30 (For Vehicle)**



Model no.	<b>GRD-30</b>
Voltage	DC12V
Power consumption	30W
Glue stick	11,3Ø

**GR-250**



Model no.	<b>GR-250</b>
Voltage	80-220V
Power consumption	20/40W
Nozzle temp	120/170°C
Insulation resistance	100MΩ
Size	170mm
Weight(exclude the cord)	176g
Glue stick	11,3Ø

**GR-60**



Model no.	<b>GR-60</b>
Voltage	80-220V
Power consumption	40W
Nozzle temp	170°C
Insulation resistance	100MΩ
Size	195mm
Weight(exclude the cord)	260g
Glue stick	11,3Ø

**GR-60F / GR-60H**



Model no.	<b>GR-60F</b>	<b>GR-60H</b>
Voltage	80-220V	
Power consumption	40W	
Nozzle temp	170°C	
Insulation resistance	100MΩ	
Size	195mm	
Weight(exclude the cord)	260g	
Glue stick	11,3Ø	
Switch(ON/OFF)	Applied	

**GR-60N**



Model no.	<b>GR-60N</b>
Voltage	80-220V
Power consumption	40W
Nozzle temp	170°C
Insulation resistance	100MΩ
Size	195mm
Weight(exclude the cord)	260g
Glue stick	11,3Ø
Switch(ON/OFF)	Applied
Temp-controll	No

**GR-560 / GR-550 / GR-80 / GR-100**



Model no.	Voltage	Power consumption	Nozzle temp	Insulation resistance	Size	Weight(exclude the cord)	Glue stick	Switch(ON/OFF)	Temp-controll
GR-550	80-220V	60W	170°C	100MΩ	190mm	220g	11,3Ø	Not applied	No
GR-560	220V	60W	Variable type		190mm	220g		Applied	Yes
GR-80	80-220V	80W	190°C		195mm	270g		Not applied	No
GR-100		100W			195mm	340g		Applied	No

# Glue Guns / Measuring Equipment

## GR-200 / GR-200T



Model no.	Voltage	Power consumption	Nozzle temp	Insulation resistance	Size	Weight(exclude the cord)	Glue stick	Switch(ON/OFF)
GR-200	220V	200W	190°C	100MΩ	270mm	410g	11.3∅	Applied
Model no.	Voltage	Power consumption	Nozzle temp	Size	Weight(exclude the cord)	Glue stick	Temp-control	Switch(ON/OFF)
GR-200T	220V	200W	Variable type	235mm	390g	11.3∅	Yes	Applied

## GR-400



Model no.	GR-400
Voltage	220V 60Hz
Power consumption	220W (Maximum 400W)
Temp-range	140~230°C
Weight(exclude the cord)	About 950g
Size	Length 300mm, Height 230mm
Glue stick	15∅
Switch(ON/OFF)	Applied

## Gas Glue Gun

### GRG-620



Model no.	GRG-620
Temp-range	160~240°C
Tank capacity	40ml/cc
Size	230mm
Weight(exclude the cord)	700g
Glue stick	11.3∅

## Rechargeable Glue Gun

### GRD-379



Model no.	GRD-379
Battery	3.7V 2,600Ah Li-ion Battery
Power consumption	9W
Glue stick	7.3∅
Charging time	About 4 hours (in full charging)
Usable time	About 1 hour 10 minutes (Continuous use)

## Glue Stick



Model no.	EXH104	EXH606 (폴리아미드)	CS
7.3∅	1kg : Transparent, Black 10p : Transparent		
11.3∅	1kg : Transparent, Black, Yellow 5p : Transparent, Black, Yellow	1kg : Yellow	1kg : Transparent
15∅	1kg : Transparent	1kg : Yellow	

## Thermometer

### ETM-191A



**Parts** 9V Battery (1EA)/Temperature Measurement Sensor (10EA)  
External Measurement Sensor Line (1EA)

Model no.	Power	Temperature Measurement Sensor	Temperature Measurement Range
ETM-191A	9V DC(6F22)	K TYPE SENSOR	0~600°C
Size		Weight	
160(W) X 45(H) X 80(D) mm		200g	

## Infrared Light Thermometer

### ET-530C



Model no.	ET-530C
Measuring range	-50°C ~ 530°C
Resolution	0.1°C
Accuracy	1% or 1°C
Response time	500mSec, 95% response
Spectral response	5um - 14um
Emissivity	0.95 Preset
Spot distance	12 : 1
Battery	1.5V AAA X 2 battery

## Analog Mutimeter

### EX-260TR / EX-360N

Model no.	EX-260TR	EX-360N
DC Voltage	10 ~ 1000V	0.1 ~ 1000V
AC Voltage	2.5 ~ 1000V	10 ~ 1000V
DC Current	2.5mA ~ 10A	50uA ~ 10A
Resistance	0 ~ 20MΩ	0 ~ 20MΩ
Battery	9V X 1, AA(1.5V) X 2	9V X 1, AA(1.5V) X 2
Size	150 X 100 X 42mm	100 X 148 X 35mm
Weight	270g	280g



Analog Mutimeter

### ASAHI-4201

Model no.	ASAHI-4201
Sampling	2 times/s
Size	54X108X12mm
DC Voltage	0 ~ 450V
AC Voltage	0 ~ 450V
Resistance range	0 ~ 40MΩ
Continuity	Less than 50Ω
Continuity Check	400Ω
Battery	Lithium 1.5 X 2






## ESD Tester

### WST-698

Model no.	WST-698
Size	115 X 75 X 40mm
Weight	130g
Power	DC 9V Battery
Grounding Wire	2.5mm



**|| Dc Power Supply ||** K-6333A / K-6133A / K-6135A

 <p>K-6333A</p>  <p>K-6133A</p>  <p>K-6135A</p>	Model no.	K-6333A	K-6133A	K-6135A	
	Number of output	2CH		1CH	
	Variable Output				
	Output voltage	0~30v continuously adjustable			
	Output current	Continuous adjustable for certain value		0~continuous adjustable for certain value	
	Source regulation	≤0.01% + 3mV		≤1 X 10 <sup>-4</sup> + 3mV	
	Load regulation	≤0.01% + 3mV		≤1 X 10 <sup>-4</sup> + 3mV	
	Riffle & noise	≤1mVrms		≤1mV(Effective value)	
	Tracing error	0.5% + 10mV	-	≤0.5% + 1d	
	Display	4 sets of 3 digit LED	2 sets of 3 digit LED		
	Display error	0.5% + 1disit			
	Fixed output				
	Output voltage	5V			
	Output current	2A			
	Source regulation	≤5mV			
Load regulation	≤15mV				
Riffle & noise	≤2mVrms		≤2mV(Effective value)		
Other					
Input voltage	AC 220V 50~60HZ				
Operating environment	Temperature- 0~40°C Humidity- ≤90%RH				
Storage environment	Temperature- 20~80°C Humidity- ≤80%RH				
Size	240 X 160 X 270(mm)	120 X 160 X 270(mm)	120 X 160 X 270(mm)		
Weight	7.5Kg	4.4Kg	5.1Kg		

**|| Nipper ||** ·MADE IN ITALY

ITR-5000		TTR-5000		TR-20TM		ITRR-58	
							
Steel wire Ø1.6mm Copper wire Ø2mm		Steel wire Ø0.5mm Copper wire Ø2mm		Copper wire Ø0.6mm		Steel wire Ø1.6mm Copper wire Ø2mm	
Weight	95g	Weight	95g	Weight	48g	Weight	99g
Size	140mm	Size	140mm	Size	130mm	Size	165mm
TRR-58-GS		TR-30		TRE-03-NB		·MADE IN U.S.A PLATO 170	
							
							
Weight	103g	Weight	77g	Weight	62g	Weight	57g
Size	160mm	Size	140mm	Size	135mm	Size	130mm

## Nipper

TR-302



Material	55# STEEL
Size	110mm

## Long Nose Plier

TR-501



Material	55# STEEL
Size	130mm

·MADE IN ITALY

## Round Plier

PN-2017

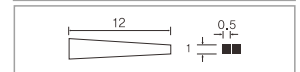


Weight	80g
Size	155mm

·MADE IN ITALY

## Micro Plier

PN-20-M



Material	45g
Size	125mm

## Wire Stripper

·MADE IN ITALY

CSP-30-1



Ø0.25 ~ 0.81

Weight	104g
Size	165mm

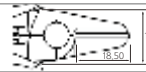
CSP-30-2



Ø0.81 ~ 2.59

Weight	103g
Size	165mm

CS-30



Weight	80g
Size	145mm

PST 1.0 / PST 0.8  
PST 0.6 / PST 0.5

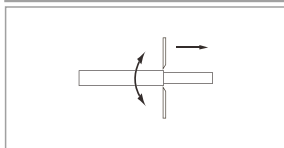


PST1.0	18 AWG
PST0.8	20 AWG
PST0.6	22 AWG
PST0.5	24 AWG

·MADE IN ITALY

## Enamel Wire Stripper

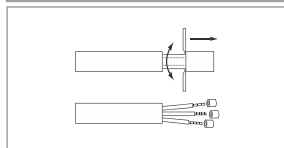
PRF-0



·MADE IN ITALY

## Coaxial Cable Stripper

PCC-1



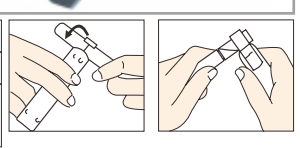
## Cable Stripper

·MADE IN ITALY

SC-1/S, SC-2/S, SC-4/2C



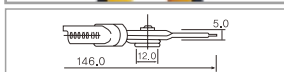
1S	Ø4 ~ 16mm Cable strip
2S	Ø8 ~ 28mm Cable strip
4/2S	Ø8 ~ 28mm Cable Strip, Blade, Hook



·MADE IN ITALY

## Ring Plier

P-1



Weight	73g
Size	155mm

## Precision Wire Stripper

·MADE IN ITALY

SFF-30



Ø0.32 ~ 0.51  
(28 ~ 24 AWG)

Weight	74g
Size	140mm

SF-30



Ø0.20 ~ 0.64  
(32 ~ 22 AWG)

Weight	75g
Size	145mm

## Wire Stripper

EX-21C



Wire strip	0.5 ~ 6mm
Wire cut	8mm

**UTP Stripper**

EX-318



Weight	10g
Size	95mm

**Cable Cutter** · MADE IN ITALY

TC-18



Cutting power	15kg
Cable	Ø18mm
Weight	180g
Size	180mm

TC-14



Cutting power	7.0kg
Cable	Ø14mm
Weight	130g
Size	180mm

**Wire Stripper Plate**

SF-40-1 / SF-40-2



Ø1 ~ 0.25mm	18 ~ 30AWG
Ø2 ~ 1.3mm	13 ~ 16AWG

**Tweezers**

EXSO TWEEZERS SET



· Tweezers set (43sort)

Ceramic tweezers	Ceramic tweezers
Bamboo tweezers	2A / AA / 11A / 10A
ESD plastic tweezers	ESD-6P / ESD-2AP / ESD-574P / ESD-AAP
ESD zircon tweezers	ESD-2A-Z / ESD-AA-Z / ESD-SS-Z / ESD-249-Z
ESD epoxy tweezers	ESD-7 / ESD-GG / ESD-2A / ESD-SS / ESD-AA
Special tweezers	108 SA / 107 SA / 106 SA / 105 SA / 104 SA / 103 SA / S SA / 109 SA / 150 SA / PSF SA AA SA / 19 SA / 577 SA / 4R SA / 574 SA / 7R SA / 7A SA / 4A SA / 3 SA / SS SA / 7 SA 5A SA / O SA
General tweezers	300 Tweezers (大) / TS / 51L / 7L / 5AL / 5L / 2AS / OOB / OOD / 47 / AAL / 23 / 2 / 6 532B / 7B / 2AB / 7 / 51 / 5C / 7C / 5A / 5ACR / 52A / 5AC / 65A / 5B / 3CB / 2A / FCM GG / 231A / AC / OC / 3C / OC11 / NN / 3 / 1 / 5 / 231 / OO / MM / AA / 26 / SS / SSH
Bursh	Brush for tweezers
Tweezers grip	JIP-103 / JIP-102 / JIP-101

**Plastic welding machine** EX-700P



Model no.	EX-700P
Voltage	220V/60Hz
Power consumption	700W
Temp-range	100~550°C
Air flow	50~300L/min
Control type	Nonstep method

**Gas Torch**

EGT-2040 / EGT-2030



Model no.	EGT-2040	EGT-2030
Size	165 X 75 X 55mm	170 X 66 X 55mm
Weight	180g	153g
Gas consumption	145g/h, 1538kcal	80g/h, 960kcal
Flame calibre	Ø21mm	Ø19mm
Maximum firepower	1850°C	1300°C
Used gas	LPG 220g	LPG 220g

**Hot Air Gun** EX-398A



Model no.	EX-398A
Power consumption	1600W
Temp-range	120~590°C
Air flow	48.0L/min
Input voltage	220V/60Hz
Control type	Nonstep method
Weight	About 700g

GT-3000S



Model no.	GT-3000S
Size	Ø62 X 75(W) X 155(H)mm
Weight	154g
Gas volume	8g
Burning time	Approximately 20 to 25 minutes
Flame temperature	1300°C
Flame length	10~35mm

**Butan Gas**

GAS 70-59

Capacity	150g (265cc)
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**Micro Gas Torch**

PT-4000



Model no.	Size	Thickness	Weight	Gas volume	Burning time	Temperature
PT-4000	160mm	20mm	56g	3.8g	30 minutes	1300°C



Micro-Vox Driver



Model no.	Specification	Size
Micro-Vox Driver	2 X 75mm	Approximately 175mm
	2,5 X 75mm	
	3 X 75mm	
	3,5 X 75mm	
	4 X 75mm	
	4,5 X 75mm	
	5 X 75mm	
	5,5 X 75mm	
	6 X 75mm	
	7 X 75mm	
1 / 8 inch X 3 inch		

Micro Driver ·MADE IN ITALY



Standard	PG 1-0 1,2X60	PG 1-1 1,5X60	PG 1-2 1,8X60	PG1-3 2,5X75	PG 1-4 3,0X100	PG2-0 PH-000
	PG2-1 PH-00	PG2-1/75 PH00/75	PG2-2 PH-0	PG2-2/75 PH-0/75	PG2-2/100 PH-0/100	PG2-2/150 PH-0/150
	PG3-0 PZ-0	PG4-0 TX6	PG4-0X TX5	PG4-1 TX7	PG4-2 TX8	PG5-0 TR6
	PG5-1 TR7	PG5-2 TR8	PG5-4 TR10	PG5-5 TR15		

Micro Driver ESD ·MADE IN ITALY



Standard	PG1-0-D 1,2X60	PG1-1-D 1,5X60	PG1-2-D 1,8X60	PG1-3-D 2,5X75	PG1-4-D 3,0X100	PG1-5-D 3,0X150
	PG2-0-D PH-000	PG2-1/75-D PH-00/75	PG2-1-D PH-00	PG2-2/100-D PH-0/100	PG2-2/150-D PH-0/150	PG2-2-D PH-0
	PG3-0-D PZ0	PG4-0-D TX6	PG4-0X-D TX5	PG4-1-D TX7	PG4-2-D TX8	PG5-0-D TR6
	PG5-0X-D TR5	PG5-1-D TR7	PG5-2-D TR8	PG5-3-D TR9	PG5-4-D TR10	PG5-5-D TR15

Touch Type LED  
Magnifying Lamp  
EX-F600LN



Power consumption	6W
Input voltage	DC 12V/0.8A
Lense size	90mm X 25mm
Magnification	3/8 Magnification lens
Lighting intensity	2200LUX

Soldering  
Assistant Magnifier  
EX-F90



Lense size	90mm(3.5inch)
Magnification	2 Magnification lens

Magnifying Lamp  
EX-F500B



Power consumption	22W
Input voltage	220V 60Hz
Lense size	127mm
Magnification	3X, 5X(Add Cost on Order)

EX-F500C



Input voltage	220V 60Hz
Lense size	127mm
Magnification	3X

PCB RACK  
EX-240ESD



Size	475mm X 175 X 50mm
Capacity	2mm X 24ea 4mm X 25ea
Material	Conductive PP
Heat-resistant temp	110°C
Resistance value	10 <sup>6</sup> - 10 <sup>9</sup> Ω

Solder Assist  
EX-SA10



Vacuum Sucking Pen  
SSP-100



Usable range	S : 4mm / 3g
	M : 6mm / 18g
Length	L : 10mm / 40g
	152mm
Weight	About 23g

SP-1



Usable range	L-40g / M-18g / S-3g
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IC Extractor  
EX-21 (High-end)



EX-20 (General)



Mini Vice  
EB-701

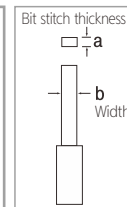
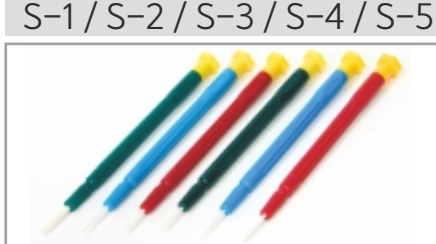


Size	70mm
Withstand weight	3kg
Weight	1.17kg

Cable Tie Gun  
EX-333



Ceramic Driver  
S-1 / S-2 / S-3 / S-4 / S-5 / S-6



Model no.	S-1	S-2	S-3	S-4	S-5	S-6
a	0.4mm	0.4mm	0.4mm	0.4mm	0.4mm	0.4mm
b	0.9mm	1.2mm	1.4mm	1.8mm	2.5mm	3.0mm

Staple Gun  
EX-8200



·Used 4 kinds of pins.

Model no.	EX-8200
Size	182 X 40 X 165mm
Weight	440g

EX-8200 Tacker Pin,  
Tacker Sim(F16, 1012, 1014, 6212, 6214)

F16	T Type(16mm) / 1BOX 2000PCS
1012	Type(12mm) / 1BOX 1000PCS
1014	Type(14mm) / 1BOX 1000PCS
6212	C Type(12mm) / 1BOX 1000PCS
6214	C Type(14mm) / 1BOX 1000PCS



Electric Staple Gun  
EX-2070

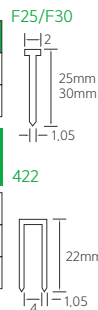


·Power control

Model no.	EX-2070
Power consumption	2070W
Weight	1.6KG

EX-2070 Tacker Pin,  
Tacker Sim(F25, F30,422)

F25	T Type(25mm) / 1BOX 1000PCS
F30	T Type(30mm) / 1BOX 1000PCS
422	Type(22mm) / 1BOX 1000PCS



Rubber Blower  
EXB-600-1 / EXB-600



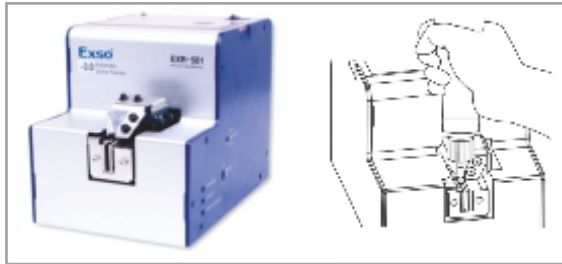
Model no.	EXB-600-1	EXB-600
Size	175mm	140mm

Staple Remover  
EX-410R



Model no.	EX-410R
Size	180 x 25mm
Weight	90g

**Screw Feeder** EXR-501



- WIDEST RANGE OF APPLICABLE SCREW SIZED :  
·Between 1.0~5.0mm( Incl. : 1.0mm, 1.2mm, 1.4mm, 1.7mm, 2.0mm, 2.3mm, 2.6mm, 3.0mm, 3.5mm, 4.0mm & 5.0mm) 11 sizes.
- MAX OF SCREWS LENGTH & HOPPER CAPACITY :  
·Screw Length : Up to 19mm (under screw head) Capacity of hopper : 220~220 c.c
- APPLICABILITY OF SPECIAL SCREW TYPES :  
·Screw Length ≥ Thread Diameter (1≥1) Thickness of screw head ≥ 0.2mm No jamming or failure occurred with these applicable types and affect productivity.
- SIZE OF FEEDING RAIL IS ADJUSTABLE :  
·Feeding rail can be pulled out for width adjusts to the applied size easily. Measurements for width adjusting can be in metric or imperial units.
- SAVE PARTS COAST & STOCK :  
·EXR-501 allows adjusting the width of feeding rail to serve 11 sizes screws, between 1.0mm to 5.0mm diameter. The flexibility prevents dealers from stocking up on quantities for different sizes, and reduces the cost on related accessories for users.

Model no.	EXR-501	
Size	182(W) X 126(L) X 147(H)mm	
Weight	Approximatel 2.17kgs (Including switching adapter)	
Power	AC 100~240V	
Switching adapter	DC 15V switching adapter	
Applied screw	M1.0 ~ M5.0	
Applied screw size	Under 19mm	
Screw storage capacity	200~220 cc	
Components	Hexagon wrench(L Sapad 2.0 X 107mm) X 1pc.	
	Switching adapter 1set.	
	Front tooling plate	(0.8/1.0/1.2/1.5/2.0 X 70mm) X 1pc.
	Back tooling plate	(0.2 X 10 X 20mm) X 2pcs.
		(0.5 X 10 X 20mm) X 10pcs.
	Stopper 2.0 ~ 5.0mm X 1pc.	

- ADJUSTABLE VIBRATION INTENSITY :  
·With vibration in small amplitude at high intensity, it moves screws on rail to pick-up point in good order, no overlay or jamming to affect the speed of movement and productivity.
- HUMANIZED MULTI PROGRAMMING CONTROL :  
·Individual drive system for tumbling and vibrating operation.  
·Setting ideal interval timings freely with no function conflict or failure occurred.  
·PCB controls for efficiencies of desired speed & timing on each operating step.  
·Switching adapter allowed AC 100~240V power source for stable DC 15V output no influences and problems due to the different AC power source of factories locations.

**Portable Label Dispenser**

EXLA-200S



Model no.	EXLA-200S
Size	145 X 420 X 82mm
Weight	780g(Including battery)
Label roll maximum diameter	120mm
Label roll branch tube minimum diameter	25mm
Label roll maximum width	34mm
Label roll width	8~30mm
Label roll length	15~65mm
Battery capacity	2600mAh Lithium ion battery
Voltage	14.8V
Operating time	Approximately ten hours
Charger input	AC100~240, 50/60Hz
Charger output	DC 16.8V, 2A

**Tape Dispenser**

EXTD-3200



- Anti-static from Tape
- 3 Mode (Manual/Semi-automatic/Automatic)
- Easy to change cutting set
- Fast and Safety, Easy

Model no.	EXTD-3200
Power	AC 100/220V 50/60Hz
Tape thickness	0.8mm and below
Tape width	8~50mm
Tape width	175mm
Tape diameter	160mm/s
Tape discharge velocity	140 X 190 X 155mm
Size	2.5kg
Tape type	Adhesive Tape, Non-Adhesive Tape
Cut length	5 ~ 99mm (recommended for at least 10mm)

**Label Dispenser**

EXLD-600S



Model no.	EXLD-600S
Label width	5 ~ 70mm
Label roll outer diameter	210mm
Movement speed	4~5 m/min
Power	AC220,50/60Hz
Size	120X215X190mm
Weight	4.5kg

- Movable Sensitive sensor
- Available to check throughput by counter
- Easy to adjust label width and height

**Fixed-q'ty Dispenser** EAB-60M



Model no.	EAB-60M
Capacity	180ml

- When a small amount of liquid such as T/C and FLUX are used, press the lid and spout with small amount and applied to area such as brush.

**Magnetizer**

EM-56



Can be used for both 5mm and 6mm	
Size	Width : 15.6mm Thickness : 9.5mm

EM-70



Size	7φ
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EM-40/50/60



Size	4φ, 5φ, 6φ
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**Tool Balancer**

EXSB-150



Capacity	0.5~1.5kg
Wire length	1~1.5m

### AC Semi-Auto lever type EX-5218LS



Model no.		EX-5218LS	
Voltage		AC220V~240V 50/60Hz	
Torque range	(kgf.cm)	2~18	
	(Lbf.In)	1.76~15.8	
	(N.m)	0.19~1.7	
Torque accuracy (%)		±5%	
Torque control method		Nonstep method	
Number of rotation(r.p.m)		1000	
No-load current		0.2A	
Used screw Diameter	Machine screw	2.0~4.0	
	Tapping screw	2.0~3.0	
Weight(g)		480	
Length (mm)		230	
Using bit		5Ø(Circle/Hexagon)	

### AC Full-Auto lever type EX-9230L / EX-6210L / EX-6220L / EX-6280L



Model no.		EX-9230L	EX-6210L	EX-6220L	EX-6280L
Voltage		AC220V~240V 50/60Hz			
Torque range	(kgf.cm)	5~20	1~6	1.5~12	3~19
	(Lbf.In)	4.4~17.6	0.87~5.28	1.30~10.56	2.64~16.72
	(N.m)	0.5~1.96	0.1~0.59	0.15~1.18	0.29~1.86
Torque accuracy (%)		±3%			
Torque control method		Nonstep method			
Number of rotation(r.p.m)		1000			
No-load current		0.2A			
Used screw Diameter	Machine screw	2.6~4.0	1.6~2.6	1.6~3.0	2.6~3.5
	Tapping screw	2.6~3.5	1.6~2	1.6~2.6	2.6~3.0
Weight(g)		620	550		
Length (mm)		264	230		
Using bit		5Ø(Circle/Hexagon)			

### AC Full-Auto push type EX-6210P / EX-6280P / EX-9250P



Model no.		EX-6210P	EX-6280P	EX-9250P
Voltage		AC220V~240V 50/60Hz		
Torque range	(kgf.cm)	1~6	3~19	15~45
	(Lbf.In)	0.87~5.28	2.64~16.72	13.2~39.6
	(N.m)	0.1~0.59	0.29~1.86	1.47~4.41
Torque accuracy (%)		±3%		
Torque control method		Nonstep method		
Number of rotation(r.p.m)		1000		500
No-load current		0.2A		0.3A
Used screw Diameter	Machine screw	1.6~2.6	2.6~3.5	4.0~6.0
	Tapping screw	1.6~2	2.6~3.0	4.0~5.0
Weight(g)		550		700
Length (mm)		230		269
Using bit		5Ø(Circle/Hexagon)		

## DC Full-Auto lever type EXD-2000L / EXD-2300L / EXD-5300L



Model no.		EXD-2000L	EXD-2300L	EXD-5300L
Voltage		DC 20V or 32V		
Torque range	(kgf.cm)	0.2~3.5	1~10	3~16
	(Lbf.In)	0.18~3.08	0.88~8.8	2.64~14.08
	(N.m)	0.02~0.34	0.1~0.98	0.3~1.57
Torque accuracy (%)		±3%		
Torque control method		Nonstep method		
Number of rotation(r.p.m)	HI	1000	670	1000
	LO	600	400	600
Used screw Diameter	Machine screw	1.0~2.3	1.6~3.0	2.3~3.5
	Tapping screw	1.0~2.0	1.6~2.6	2.3~3.0
Power consumption (w)		25		48
Weight(g)		270		480
Length (mm)		205		230
Using bit		4Φ(Circle)		5Φ(Circle/Hexagon)

## DC Full-Auto lever type EXD-B203L / EXD-B207L / EXD-B210L / EXD-B512L / EXD-B519L



Model no.		EXD-B203L	EXD-B207L	EXD-B210L	EXD-B512L	EXD-B519L
Voltage		DC 20V or 32V				
Torque range	(kgf.cm)	0.2~3.5	0.5~7	1~10	1.5~12	3~19
	(Lbf.In)	0.17~3.05	0.44~6.16	0.87~8.7	1.32~10.56	2.64~16.72
	(N.m)	0.02~0.34	0.05~0.69	0.10~0.98	0.15~1.18	0.29~1.86
Torque accuracy (%)		±3%				
Torque control method		Nonstep method				
Number of rotation(r.p.m)	HI	1000				
	LO	700			650	
Used screw Diameter	Machine screw	1.0~2.3	1.4~2.6	1.6~3.0	1.6~3.0	2.3~3.5
	Tapping screw	1.0~2.0	1.4~2.3	1.6~2.6	1.6~2.6	2.3~3.0
Power consumption (w)		25			55	
Weight(g)		385			520	
Length (mm)		185			245	
Using bit		4Φ(Circle)			5Φ(Circle/Hexagon)	

## AC Full-Auto push type EXD-B512P / EXD-B519P



Model no.		EXD-B512P	EXD-B519P
Voltage		DC 20V or 32V	
Torque range	(kgf.cm)	1.5~12	3~19
	(Lbf.In)	1.32~10.56	2.64~16.72
	(N.m)	0.15~1.18	0.29~1.86
Torque accuracy (%)		±3%	
Torque control method		Nonstep method	
Number of rotation(r.p.m)	HI	1000	
	LO	650	
Used screw Diameter	Machine screw	1.6~3.0	2.3~3.5
	Tapping screw	1.6~2.6	2.3~3.0
Power consumption (w)		55	
Weight(g)		520	
Length (mm)		245	
Using bit		5Φ(Circle/Hexagon)	

|| AC Full-Auto push type || ASC-3682 / ASC-5682 / ASC-6682 / AD-5682 / AD-7682



Model no.		ASC-3682	ASC-5682	ASC-6682	AD-5682	AD-7682
Torque range	(kgf.cm)	1.5~12.0	4.0~18.0	8.0~25.0	8.0~25.0	10.0~30.0
	(Lbf.In)	1.3~10.4	3.5~15.6	6.9~21.7	6.9~21.7	8.7~26
Number of rotation(r.p.m)		1000		650	1000	
Used screw Diameter	Machine screw	2.0~3.0	2.6~4.0	3.0~4.5	3.0~4.5	3.0~5.0
	Tapping screw	2.0~2.6	2.3~3.5	2.6~4.0	3.0~4.0	2.6~4.0
Using bit		5∅(Circle/Hexagon)				

|| AC Semi-Auto lever type || EX-1632 / EX-2632 / EX-3632 / EX-4632 / EX-6632



Model no.		EX-1632	EX-2632	EX-3632	EX-4632	EX-6632
Torque range	(kgf.cm)	0.2~2.0	0.5~7.0	1.0~12.0	2.0~18.0	5.0~25.0
	(Lbf.In)	0.17~1.7	0.43~6.1	0.9~10.4	1.7~15.6	4.3~21.7
Number of rotation(r.p.m)		1000				
Used screw Diameter	Machine screw	1.0~2.0	1.0~2.6	1.4~3.0	2.0~4.0	2.6~5.0
	Tapping screw	1.0~1.7	1.0~2.3	1.4~2.6	2.0~3.0	2.3~4.0
Using bit		4∅(Circle)		5∅(Circle/Hexagon)		

|| DC Full-Auto lever type || ASA-2000 / ASA-4500 / ASA-6500 / ASA-7000 / ASA-8000



Model no.		ASA-2000	ASA-4500	ASA-6500	ASA-7000	ASA-8000
Torque range	(kgf.cm)	0.4~3.0	1.0~10.0	4.0~20.0	7.0~20.0	12.0~30.0
	(Lbf.In)	0.35~2.6	1.3~8.7	3.5~17.4	6.1~26.0	10.4~26.0
Number of rotation(r.p.m)		720	720	1000	700	550
Used screw Diameter	Machine screw	1.0~2.2	2.0~3.0	2.6~4.0	3.0~4.0	3.5~5.0
	Tapping screw	1.0~2.0	2.0~2.6	2.3~3.5	2.6~4.0	3.0~4.0
Using bit		4∅(Circle)		5∅(Circle/Hexagon)		

|| Telecommunication Tester ||

EXT-001



EXT-002



EXT-003



EXT-004



EXT-005



EXT-006



EXT-007



EXT-008



EXT-009



EXT-010




## ■ Crimping Tool ■

**ECT-2108**




Size	200mm
Weight	260g

**ECT-2238**



Size	390mm
Weight	753g

**ECT-55**




Size	176mm
Weight	250g

**ECT22 / ECT-38**




Size	332mm
Weight	680g

**ECT-14**



Size	245mm
Weight	390g

**ECT-8**



Size	245mm
Weight	390g

**ECT-336J**



Size	220mm
Weight	480g

**ECT-202B**



Size	190mm
Weight	210g

**ECT-106E**



Size	220mm
Weight	620g

**ECT-225D**



Size	200mm
Weight	360g

**ECT-314B**




Size	6-3/4" (171±3mm)
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**ECT-5468R**



Size	203mm
Weight	370g

**ECT-8165T**



Applicable range	0.2~6mm <sup>2</sup> (10~23AWG)
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## ■ Molex Crimping Tool ■ ·MADE IN U.S.A

**HTR 2445A**



Applicable range(AWG)	(A)26~22 (B)30~24
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**HTR 2262A**



Applicable range(AWG)	(A)30~28 (B)26~24
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**HTR 1031E**



Applicable range(AWG)	(A)24~20 (B)18~14
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Model no.	Size	Weight
HTR 2445A	228mm	400g
HTR 2262A		
HTR 1031E		

## ■ Wrapping Tool ■ EX-30SN / EX-30SA



Model no.	EX-30SN	EX-30SA
Function	Un-wrap	Wrap
Wrapping wire	0.35φ ~ 0.9φ	

## EX-30



Bit inner diameter	0.25φ
	0.32φ(Public)



Bit inner diameter	0.65φ
	0.9φ

## ■ Pin Remover ■ ECT-319F





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