

Soldering & Desoldering Stations, Equipment and Accessories

Catalogue

DOU YEE
ENTERPRISES

Global Capability, Local Focus



Content

LF-1500
137ESD
LF-1600
LF-1680
LF-2000
LF-3000
LF-852D
LF-853D
LF-853DTP
LF-8800
IR-860
HV-2
HV-2E
426DLX

LEAD FREE SOLDERING STATION

LF-1500



SPECIFICATION

Input Power	100 - 120 Vac, 60 Hz 220 - 240 Vac, 50 Hz
Wattage	80 W
Temperature Range	200 - 480°C (400 - 900°F)
Standard Tip	44 - 510601



DOU YEE
ENTERPRISES

2304 Bedok Reservoir Road, Bedok Industrial Park C, Singapore 479223
t: (65) 6444 2678 | f: (65) 6743 7172 | e: marketing@douyee.com.sg
Web: www.douyee.com

DY1100-LF-1500



1 LF-1500 Control Unit

2 105C Iron stand

3 108ESD Soldering Iron

SOLDERING STATION

TEMPERATURE CONTROLLED

137ESD



SPECIFICATION

Input Power	100 - 120 Vac, 60 Hz 220 - 240 Vac, 50 Hz
Wattage	80 W
Temperature Range	200 - 480 °C
Standard Tip	44 - 510601



DOU YEE
ENTERPRISES

2304 Bedok Reservoir Road, Bedok Industrial Park C, Singapore 479223
t: (65) 6444 2678 | f: (65) 6743 7172 | e: marketing@douyee.com.sg
Web: www.douyee.com

SOLDERING STATION

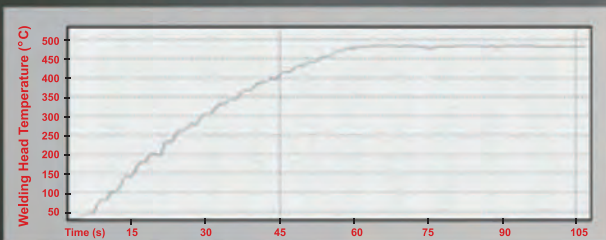
LF-1600

PRODUCT FEATURES

Temperature Adjust Lock-Out/ Password	The temperature can be locked by "password" code for production line management
Small Footprint	Occupied lesser workstation space
°C/ °F Select Mode	May set display °C/ °F
Sensor Fail Notification	If the sensor circuit fails, the display reads "S-E" and cuts off the heater power
Heater Fail Notification	If the heater circuit fails, the display reads "H-E" and cuts off the heater power



Heating Curve Determination



SPECIFICATION

Input Power	220 - 240 Vac, 50 Hz
Wattage	80 W
Temperature Range	200 - 480°C
Standard Tip	44 - 510601



User-Friendly Interface

The angle of control panel provides the ease of reading and setting



Small Footprint

Occupied lesser workstation space



Optional Accessories

Provides a full range of accessories for customer selection which enhance cost effectiveness



Hi-Powered Heater

Temperature increased rapidly which favored lead-free soldering



Built-In Grounding Point

For ease of connection of wrist strap



DY1100-LF-1600



1 LF-1600 - Control Unit

2 105C- Iron stand for LF-1600

3 108ESD - Soldering Iron for LF-1600

MICRO DIGITAL REWORK STATION

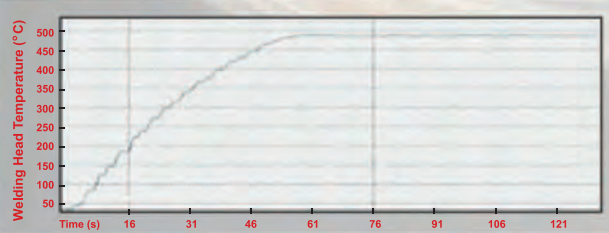
LF-1680

PRODUCT FEATURES

Temperature Adjust Lock-Out/ Password	The temperature can be locked by "password" code for production line management
°C/ °F Select Mode	May set display °C/ °F
Small Footprint	Occupied lesser workstation space
TWZ/ SIA Dual Mode	Fast switching between functions
Sensor Fail Notification	If the sensor circuit fails, the display reads "S-E" and cuts off the heater power
Heater Fail Notification	If the heater circuit fails, the display reads "H-E" and cuts off the heater power



SIA Heating Curve Determination



SPECIFICATION

Input Power	100 - 120 Vac, 60 Hz 220 - 240 Vac, 50 Hz	
Wattage	SIA	80 W
	TWZ	80 W
Temperature Range	SIA	200 - 480°C
	TWZ	200 - 450°C
Standard Tip	SIA	44 - 510601
	TWZ	46 - 060102



User-Friendly Interface

The angle of control panel provides the ease of reading and setting



Small Footprint

Occupied lesser workstation space



Optional Accessories

Provides a full range of accessories for customer selection which enhance cost effectiveness



Hi-Powered Heater

Temperature increased rapidly which favored lead-free soldering



Built-In Grounding Point

For ease of connection of wrist strap



DY1100-LF-1680



1 460A - Tip Cleaner Set

4 108ESD - 32V/ 80W Soldering Iron for LF-1600/ 1680

2 LF1600 - 32V/ 80W Soldering Station

5 TWZ80 - 32V/ 80W SMD Hot Tweezer for LF-1600/ 1680

3 105C - Iron Stand

SOLDERING STATION

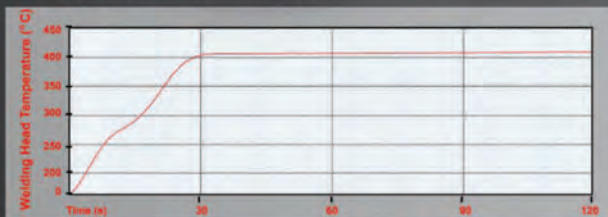
LF-2000

PRODUCT FEATURES

Temperature Adjust Lock-Out/ Password	The temperature can be locked by "password" code for production line management
Small Footprint	Occupied lesser workstation space
Auto Sleep	Save power and the life of tip
Auto Off	The station will shut down after 40 minutes without use
Sensor Fail Notification	If the sensor circuit fails, the display reads "S-E" and cuts off the heater power
Heater Fail Notification	If the heater circuit fails, the display reads "H-E" and cuts off the heater power
Alloy Aluminium Shell	Block off electromagnetic interfere, high strength configuration and less heat cumulation



Heating Curve Determination



SPECIFICATION

Input Power	220 - 240 Vac, 50 Hz
Wattage	100 W
Temperature Range	200 - 450° C (392 - 842 °F)
Standard Tip	44 - 710652



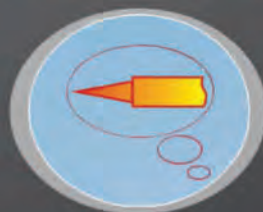
User-Friendly Interface

The angle of control panel provides the ease of reading and setting



Optional Accessories

Provides a full range of accessories for customer selection which enhance cost effectiveness



Hi-Powered Heater

Temperature increased rapidly which favored lead-free soldering



Built-In Grounding Point

For ease of connection of wrist strap



RoHS conform

DOU YEE
ENTERPRISES

2304 Bedok Reservoir Road, Bedok Industrial Park C, Singapore 479223
t: (65) 6444 2678 | f: (65) 6743 7172 | e: marketing@douyee.com.sg
Web: www.douyee.com

DY1100-LF-2000



1 LF-2000 Power Unit

2 105C Iron stand

3 307A Soldering Pencil

SOLDERING STATION

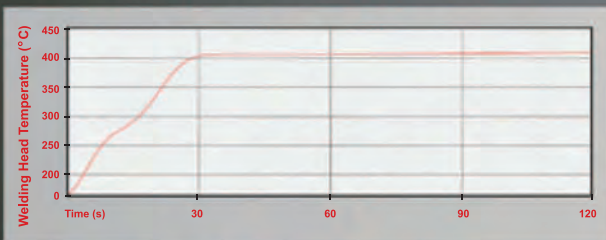
LF-3000

PRODUCT FEATURES

Temperature Adjust Lock-Out/ Password	The temperature can be locked by "password" code for production line management
Auto Sleep	Save power and the life of tip
Minitype Station	Less desktop occupation
Sensor Fail Notification	If the sensor circuit fails, the display reads "S-E" and cuts off the heater power
Heater Fail Notification	If the heater circuit fails, the display reads "H-E" and cuts off the heater power



Heating Curve Determination



SPECIFICATION

Input Power	220 - 240 Vac, 50 Hz
Wattage	90 W
Temperature Range	100 - 520°C, 212 - 968°F
Standard Tip	44-413081



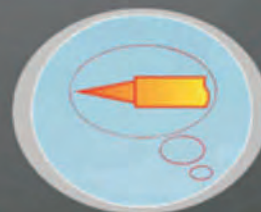
User-Friendly Interface

The angle of control panel provides the ease of reading and setting



Full Ardal Body

Conveyance security, sturdy and durable, equipment longer duration



Hi-Powered Heater

Temperature increased rapidly which favored lead-free soldering



Built-In Grounding Point

For ease of connection of wrist strap



DY1100-LF-3000



1 Power Unit for LF-3000

2 Iron holder

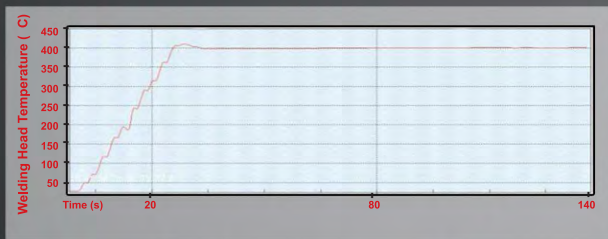
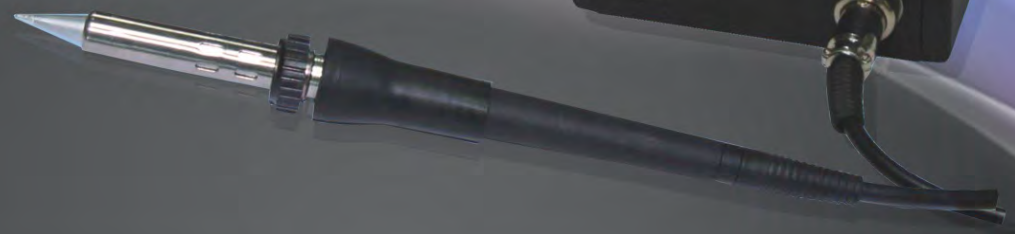
3 HF-90 - Pencil for LF-3000

SOLDERING STATION

LF-3500

PRODUCT FEATURES

Temperature Adjust Lock-Out/ Password	The temperature can be locked by password code for production line management
Auto Sleep	Save power and the life of tip
Mintype Station	Less desktop occupation
Sensor Fail Notification	If the sensor circuit fails, S-E will be shown, SIA will power off
Heater Fail Notification	If the heater circuit fails, H-E will be shown, SIA will power off



SPECIFICATION

Input Power	220 - 240 Vac, 50 Hz
Wattage	150 W
Temperature Range	100 - 480 C, 212 - 896 F
Standard Tip	44-413590 - 3.5D



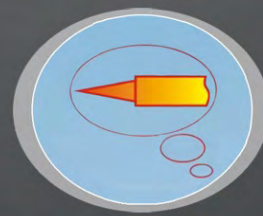
User-Friendly Interface

The angle of control panel is conform to humanism. It's easy to read and set.



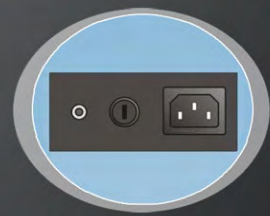
Full Ardal Body

Conveyance security, sturdy and durable, equipment longer duration



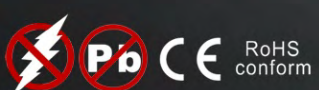
Hi-Powered Heater

Temperature increased rapidly which favored lead-free soldering



Built-In Grounding Point

For ease of connection of wrist strap



DY1100-LF-3500



1

LF-3500 - Control Unit

2

105C IC Iron stand for LF-3500

3

HF-150 - Soldering Iron for LF-3500

SMD REWORK STATION LF-852D



PRODUCT FEATURES

Smart body, saving the working space

Closed-loop control sensors for temperature accuracy and stability

Use of imported air pump for low vibration, noise-free design and maintain a quiet working environment

Use of imported heating element, heating up fast, long service life, welding safety and adjustable temperature constant

Dual windows digital display for temperature, air and key touch operation for operation to be more convenient and accurate

Auto-cooling design: When power off, the cooling system will work automatically to protect heating element from burning

Anti-static design prevents leakage due to static electricity and damaged components

SPECIFICATION

Input Power	100 - 120 Vac 60 Hz 220 - 240 Vac 50 Hz
Wattage	600 W
Temperature Range	100 - 480 °C 212 - 896 °F
Air Flow Capacity	1.5 L/ min ~ 40 L/ min



DY1100-LF-852D



1 Tweezer set

5 IC POPPER (XY-490)

2 Power Lead with UK Plug

6 Box for Heater

3 Holder for Heat Gun

7 LF-852D Control Unit

4 XCHG852DV - 600W Heat Gun

8 Nozzles set

MULTI-FUNCTION SMD REWORK SYSTEM

LF-853D

SPECIFICATION

Input Power	100 - 120 Vac 60 Hz; 220 - 240 Vac 50 Hz	
Soldering	Wattage	100 W
	Temperature Range	150 - 480°C (302 - 896°F)
	Standard Tip	44 - 415404
SMD Rework	Wattage	600 W
	Temperature Range	100 - 480°C (212 - 896°F)
	Air Flow Capacity	1.5 L/min ~ 40 L/min
Desoldering	Wattage	100 W
	Temperature Range	300 - 450°C (572 - 842°F)
	Standard Tip	44 - 915412



DY1100-LF-853D



1 Solder Holder

2 Control Unit

3 Iron Stand

4 Soldering iron

5 600w Heat Gun

6 Fume Extractor

7 Carbon filter

8 Tweezers set

9 ESD Safe Cutter

10 Carbon filter

11 Cooling strip

12 IC Popper

13 IC Popper

14 Cleaning brush

15 Probe

16 Iron Holder

17 Desoldering Iron

18 Standard Nozzles

MULTI-FUNCTION SMD REWORK SYSTEM

LF-853DTP



SPECIFICATION

Input Power	100 - 120 Vac 60 Hz; 220 - 240 Vac 50 Hz		
Soldering	Wattage	SIA	100 W
		TWZ	100 W
	Temperature Range	150 - 480°C (302 - 896°F)	
SMD Rework	Standard Tip	SIA	44-415404
		TWZ	46-060102
Desoldering	Wattage	600 W	
	Temperature Range	100 - 480°C (212 - 896°F)	
	Air Flow Capacity	1.5 L/ min ~ 40 L/ min	
Soldering	Wattage	100 W	
	Temperature Range	300 - 450°C (572 - 842°F)	
	Standard Tip	44-915412	



DY1100-LF-853DTP



- 1 Solder Holder
- 2 Tip Cleaner set
- 3 SMD REWORK TWEEZER
- 4 Control Unit
- 5 600w Heat Gun
- 6 Fume Extractor
- 7 Carbon filter
- 8 Tweezers set
- 9 ESD Safe Cutter
- 10 Carbon filter
- 11 Cooling strip
- 12 IC Popper
- 13 IC Popper
- 14 Cleaning brush
- 15 Probe
- 16 Iron Holder
- 17 Desoldering Iron
- 18 Standard Nozzles
- 19 Hot-Air Pencil
- 20 Soldering iron
- 21 Iron Stand

MULTI-FUNCTION SMD REWORK SYSTEM

LF-855D-DM3



SPECIFICATION

Input Power	100 - 120 Vac 60 Hz; 220 - 240 Vac 50 Hz	
Soldering	Wattage	100 W
	Temperature Range	100 - 520°C (212 - 968°F)
	Standard Tip	44 - 413088
SMD Rework	Wattage	600 W
	Temperature Range	100 - 480°C (212 - 896°F)
	Air Flow Capacity	1.5 ℓ/min ~ 40 ℓ/min



DY1100-LF-855D-DM3



1 Tweezers set

6 Air Nozzles

2 Iron holder

7 Heater for Heat Gun

3 Control Unit

8 IC popper

4 Heat Gun holder

9 Soldering Pencil for LF-855D

5 600W heat Gun

SOLDERING & DESOLDERING STATION

LF-8800

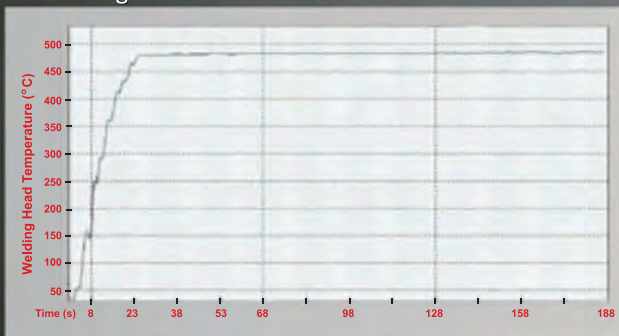
PRODUCT FEATURES

Temperature Adjust Lock-Out/ Password	The temperature can be locked by "password" code for production line management
°C/°F Select Mode	May set display °C/°F
Iron Working Station	Both soldering, desoldering irons can be used at the same time
Alloy Aluminium Shell	Block off electromagnetic interfere, high strength configuration and less heat cumulation
Energy Saver Mode	If the station is left idle for 20 minutes, the energy saver feature will automatically engage, resetting the temperature to 150°C from the previous setting
Sensor Fail Notification	If the sensor circuit fails, the display reads "S-E" and cuts off the heater power
Heater Fail Notification	If the heater circuit fails, the display reads "S-E" and cuts off the heater power
Delayed Suction	Allows the pump to continue sucking for 1.5 seconds after the actuator switch is released

Has a self-contained and quiet running vacuum pump which is electronically controlled and will not overload with continuous use, eliminating the need for additional air cooling system

Easy-to-view LED display and easy-to-navigate buttons

SIA Heating Curve Determination



SPECIFICATION

Input Power	220 - 240 Vac, 50 Hz	
Wattage	SIA	100 W
	TWZ	100 W
Temperature Range	SIA	200 - 480°C
	TWZ	200 - 450°C
Standard Tip	SIA	44 - 510601
	TWZ	46 - 060102



DY1100-LF-8800



1 426DLX - Fume Extractor 230V

2 102 - Solder Holder

3 105C - Soldering Stand

4 307A - 32V/ 100W Soldering Iron

5 LF-8800 - Soldering and Desoldering Station 230V

6 104A - Iron Stand for Desoldering Iron

7 DIA100 - 32V/ 100W Desoldering Iron

8 91-040004 - Cleaning Brush

9 29-010016 - Cooling Strip

10 50-100730 - Probe (For cleaning the desoldering tip)

11 AX205 - ESD Safe Cutter

12 Tweezers Set

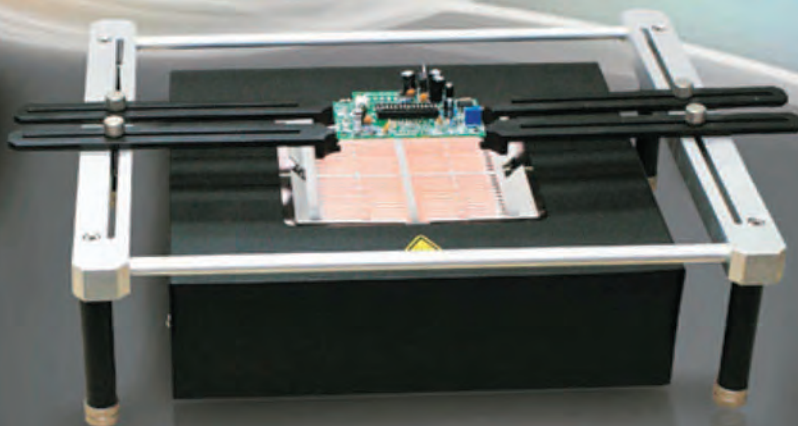
SMD / BGA

REWORK STATION

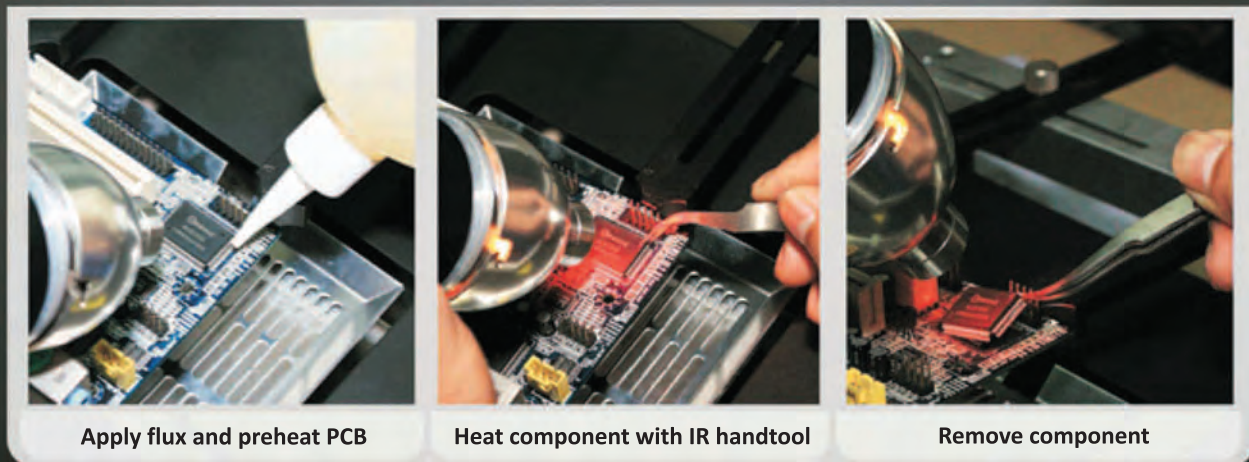
IR-860

SPECIFICATION

Input Power	100 - 120 Vac 60 Hz; 220 - 240 Vac 50 Hz	
Solder Light	Wattage	15 Vac, 100 W
	Temperature Range	45 - 350°C (113 - 662°F)
	Timer	0 - 900 s
Preheat	Wattage	650 W
	Temperature Range	100 - 350°C (212 - 662°F)



Presentation Graphics:



Apply flux and preheat PCB

Heat component with IR handtool

Remove component



DY1100-IR-860



1 IR860 control unit

2 PCB Holder

3 Cover for heater

4 Pre-heat system

5 Solderlight hand piece

6 Air Cooler

7 Lamp for Solderlight handpiece

8 Vacuum pen

9 Brush

10 Light Filter lens

11 Solder Paste

12 Foot switch

13 Tweezers set

HV-2

FUME EXTRACTION SYSTEM WITH AIR FLOW CONTROL

A free-standing extraction system for the safe removal of soldering fumes.

PRODUCT FEATURES

Compact design - fits under workbench	Stay-put, positionable tubes can be cut to length
Can use one or both arms	Quiet operation
Brushless, maintenance-free centrifugal fan motor	Castors for easy re-positioning
Variable motor speed control	Replacement filters and arms readily available



SPECIFICATION

Input	230 V
Rating	320 W
Air Flow	340 cubic metres/ hour
Noise Level	54 - 68 dBA
Dimensions	446 (H) x 376 (D) x 376 (W) mm
Weight	23 kg



DY1100-HV-2



1 Flexible Arm

2 Fume Extraction unit

3 Funnel

HV-2E

FUME EXTRACTION SYSTEM

A fume extraction system with two extraction arms that is both portable and compact. The main unit features strong fan performance with a pre-filter and an efficient standard filter, while being on lockable casters for easy maneuverability by one person. The internal pump system utilizes a quiet brushless, maintenance free centrifugal fan motor that efficiently removes fumes from the desired workspaces, while keeping noise to a minimum. The two 7ft. long flexible arms with 3.5 inches funnels can reach most work areas with ease and make it easy to reach workstations even if far apart from each other.



SPECIFICATION

Internal Pump	Brushless, maintenance free centrifugal fan motor
Air Flow	320 m ³ / hr
Noise Level	< 50 dB
Voltage	110 V / 220 V
Dimensions	17" x 13" x 12"



DY1100-HV-2E

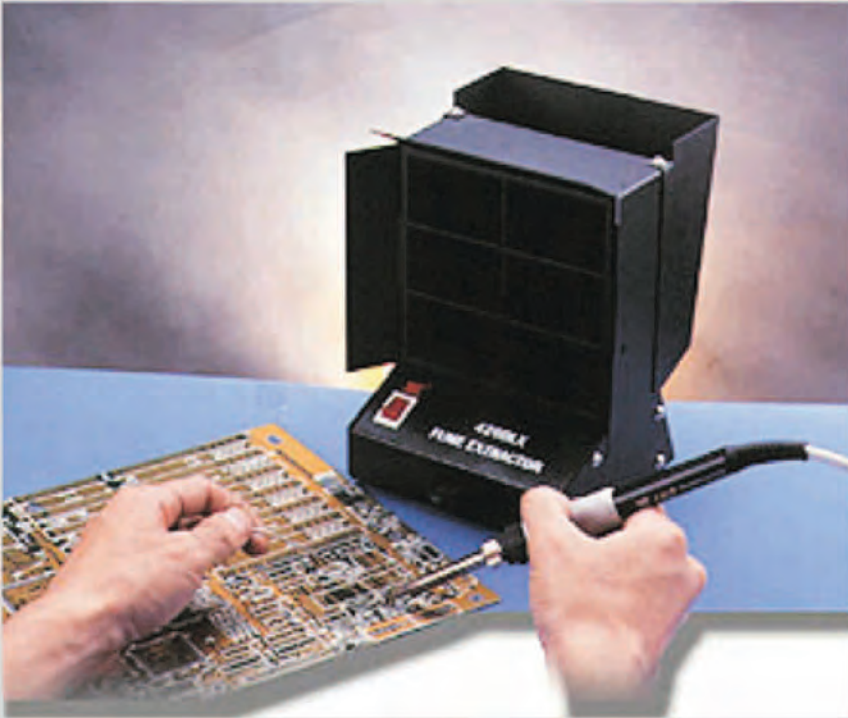


1 Flexible Arm

2 Fume Extraction unit

3 Funnel

426 DLX FUME EXTRACTOR



SPECIFICATION

Input Power	As requested
Wattage	20 - 22 W
Max. Air Volume	95 / 115 CFM
Outer Dimensions	162 (W) x 200 (H) x 120 (D) mm [6.38 x 7.78 x 4.72 in)
Weight (Excluding AC Cord)	1600 grams [3.5 lbs]
Filter Size	130 mm ²
Filter Weight	12 grams



DY1100-426DLX



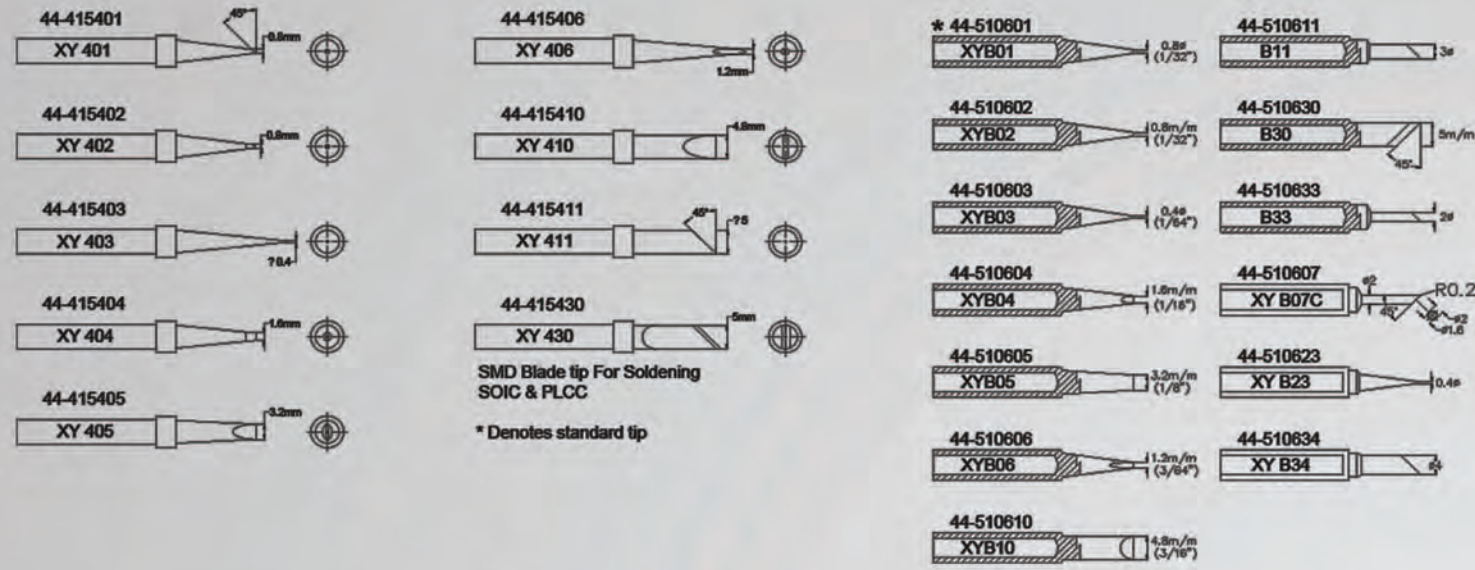
1 UK Power Lead

2 Fume Extractor

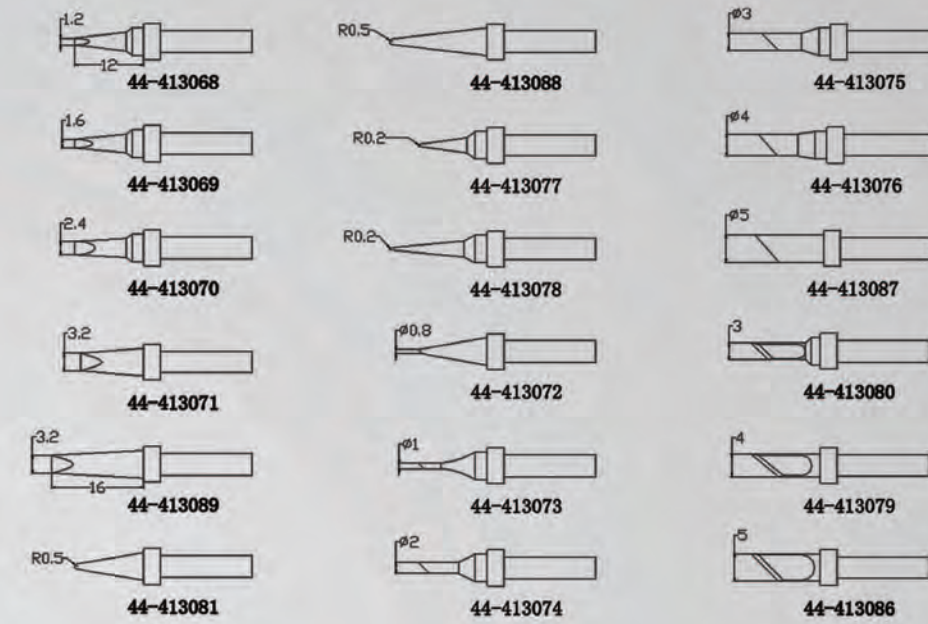
3 Filter Bracket

4 Carbon Filter

Tip chart for LF-1600/ 1680/ 369D/ 853D/ T197b

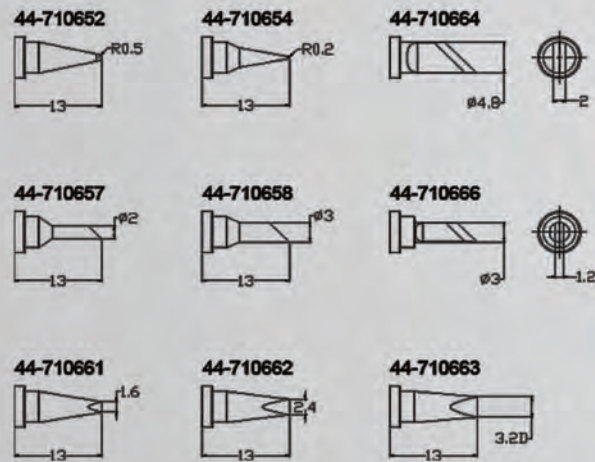


Tip chart for LF-3000/ 855D



Tip chart for LF-2000/ 8800/ 853D

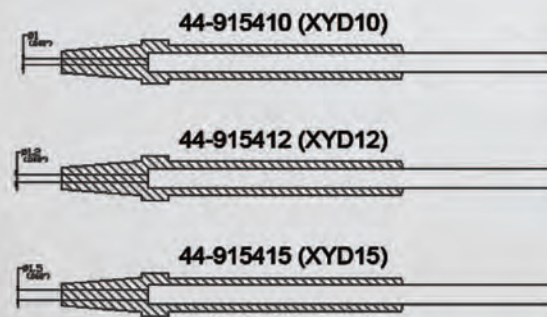
Soldering



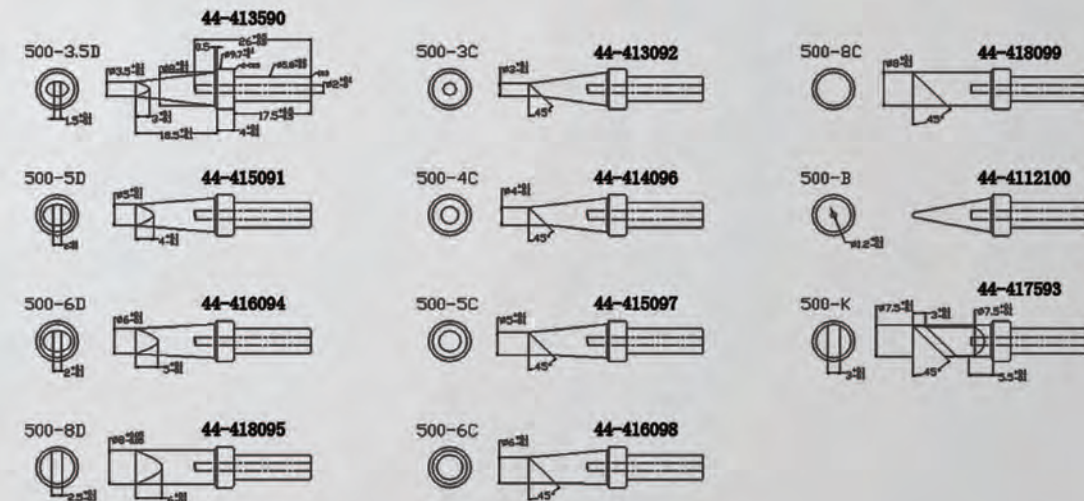
Desoldering

INTERCHANGEABLE TIPS

Desoldering Tip



Tip chart for LF-3500



Tweezers Tip Chart for TWZ80/ 90/ 100



DOU YEE also provides the following product ranges. Our comprehensive range of products is designed to provide you with a convenient one-stop service for all related industrial needs. You may request for more information on any of below product ranges from your local Dou Yee contact personnel.

STATIC CONTROL



Static Shielding Bags, PCB Racks, Conductive & Antistatic Bags, Flooring, Conductive Corrugated Boxes, Apparel, Injection Moulding Containers/Trays, Footwear, Grounding, Ionization, Other Accessories, ESC Monitoring, Fact-Based ESD/EMI Management, Test & Audit

INDUSTRIAL EQUIPMENT & TOOLS



Desktop Robots, Electro Press, Automatic Screw Robots, UV Curing & Measurement Systems, Peel Back Force Tester, Dry Process Dicing, Water Dicing Materials, End/ Front of Lines Magazines

WAFER HANDLING



Wafer Pick & Place, Wafer Sorting, Wafer Tracking, Wafer Aligning, Wafer Inspection, Wafer Elevation, Wafer Flip Transfer, Wafer OCR Reader, Wafer Pack & Unpack, Wafer Scribe & Break

LIQUID DISPENSING EQUIPMENT



Precision Fluid Dispenser, Dispensing Accessories, Valve & Tanks, Fully Automated Dispensing System.

ELECTRONICS/ DRY PACKING



Vacuum Sealers, Silica Gel, Air Box Protective Packaging, Sieve Paks, Desiccants, Humidity Indicator Cards.

PPE ITEMS



Safety Glove/ Boots, Eye/ Face Protection, Hearing/ Head Protection, Respiratory Protection, Spill Control

IC MOLD PRESS / CLEANING COMPOUND



Transfer Molding Press Preheater, Nikalet Mold Cleaning Compound, RBS Cleaning Chemicals, Diamond Scribes

CLEANROOM



Cleanroom design & construction, equipment & accessories

MIM / CIM



Metal / Ceramic Injection Molding

BIOMEDICAL PRODUCTS



Medical glove, Facemask, Wiper/ Swabs, Cotton Products, Gauzas

EMBOSSED TAPES & REELS



Carrier Tapes, Cover Tapes, Reels

SURFACE MOUNTING TECHNOLOGY



Dispenser, Pick and Place, Reflow Oven.

WIRE BONDING TOOLS



Capillaries



Head Office:

2304 Bedok Reservoir Road, Bedok Industrial Park C Singapore 479223
Tel: (65) 6444 2678 Fax: (65) 6743 7172
Website: <http://www.douyee.com.sg>
Email: marketing@douyee.com.sg

Overseas Offices:

MALAYSIA

Johor Bahru
Tel: +607 556 6284 / 558 6285
Email: jhbsales1@douyee.com.my

Malacca
Tel: +606 231 5060/61/62/64
Email: mlcsales@douyee.com.my

Kuala Lumpur
Tel: +603 5121 1613 / 14
Email: dysales@douyee.com.my

Penang
Tel: +604 390 4824
Email: pngsales1@douyee.com.my

Ipoh
Tel: +605 2911853
Email: pngsales9@douyee.com.my

Sarawak
Tel: +082 262518
Email: dennis.ngu@douyee.com.my

THAILAND
Tel: +662 529 0979
Email: mkt.thailand@douyee.co.th

VIETNAM
Ho Chi Minh
Tel: +848 3910 4420
Email: vnmsales1@douyee.com.sg

Hanoi
Tel: +844 6275 4337
Email: vnmsales2@douyee.com.sg

PHILIPPINES
Manila
Tel: +632 807 4683 / 84 / 85
Email: easy.cunanan@douyee.com.ph

Cebu
Tel: (+632) 340-7686 / 341-1577
Email: pnsales3@douyee.com.ph

INDONESIA
Jakarta
Tel: +6221 8990 1153
Email: ptdouyee@douyee.com.sg

Batam
Tel: +0117 7061 2490
Email: btmsales3@douyee.com.sg

JAPAN
Yokohama
Tel: +8145 312 9906
Email: mktg@douyee.co.jp

SOUTH KOREA
Tel: +82 10 26984161
E-mail: leeyes@douyee.com.sg

CHINA

Shanghai
Tel: +86-21-5899 4619
Email: dysh@douyee.com.cn

Suzhou
Tel: +86-512-6258 5066
Email: ongcc@douyee.com.sg

Beijing
Tel: +86-10-8368 6931
Email: dybj@douyee.com.cn

Tianjin
Tel: +86-22-2642 2093
Email: dytj@douyee.com.cn

Dalian
Tel: +86-411-8377 9121 / 9193
Email: dydl@douyee.com.cn

Chengdu
Tel: +86-28-8501 7691
Email: dycd@douyee.com.cn

Xi'an
Tel: +86-29-8824 7085
Email: dyxa@douyee.com.cn

Anhui
Tel: +86-21-5899 4619
Email: dyah@douyee.com.cn

Shenzhen
Tel: +86-755-8389 0255
Email: dysz@douyee.com.hk

NanJing
Tel: +86 025-58826689
Email: sales@douyee.com.tw

Xiamen
Tel: +86 180-20737052
Email: mike.chen@douyee.com.tw

TAIWAN
Taipei
Tel: +886-2-27151156
Email: deamer.wu@douyee.com.tw

HsinChu
Tel: +886-3-5670698
Email: deamer.wu@douyee.com.tw

HONG KONG
Tel: +852-2480 6337
Email: dyhk@douyee.com.hk

UNITED STATES

Truckee
Tel: +530 320 1313
Email: don.boehm@douyee.com

Murphys
Tel: +209-822-0121
Email: rj.sturgeon@douyee.com

FRANCE
Toulouse
Tel: +33 5 61 16 20 50
Email: info.fr@douyee.fr

Pont de Poitte
Tel: +33 (0) 3 84 87 02 39
Email: info.fr@eurostatgroup.com

SWEDEN - NORDICS
Tel: +46 (0) 10 690 06 20
Email: info.se@eurostatgroup.com

NETHERLANDS - BENELUX
Tel: +31 (0) 886 363 555
Email: info.nl@eurostatgroup.com

UNITED KINGDOM
England
Tel: +44 (0) 139 235 7548
Email: info.uk@eurostatgroup.com

CZECH REPUBLIC & SLOVAKIA
Tel: +420 724 317 455
Email: info.cz@eurostatgroup.com

HUNGARY - ROMANIA
Tel: +36 70 609 4216
Email: info.hu@eurostatgroup.com

POLAND
Tel: + 48 71 750 04 80
Email: info.pl@eurostatgroup.com

NORWAY
Tel: + 47 93829207
Email: info.no@eurostatgroup.com

BALTIC
Tel: +371 200 188 37
Email: info.baltic@eurostatgroup.com

AUSTRIA
Tel: +43 660 1414 920
Email: info.at@eurostatgroup.com

SWITZERLAND
Tel: +41 41 530 32 12
Email: Info.ch@eurostatgroup.com