www.jbctools.com

English

Premium
Micro Desoldering station

Ref. DSS-D

Packing List

The following items should be included:

DI Control Unit .....1 unit
Ref. DI-1D (120V)
DI-2D (230V)
DI-9D (100V)

Electric Desoldering Module.....1 unit
Ref. MS-A

Stand ..... 1 unit
Ref. DS-SD

Micro Desoldering Iron.....1 unit
Ref. DS360-A

Tip Cleaning Stand .....1 unit
Ref. CL9885

Sponge ..... 1 unit
Ref. S0354

Brush ..... 1 unit
Ref. CL6217

Support Cable connector .....1 unit
Ref. 0011283

Power cord .....1 unit
Ref. 0009417 (100V/120V)
0009401 (230V)

Module Cable connector ..... 1 unit
Ref. 0010207

DS360-A Accessories
Ref. 0010259

Tips
(5 units)
Ref. C360002

Tips
(5 units)
Ref. C360004

Cleaning Rods
Ref. 0008466

Filter
(2 units)
Ref. 0008473

Cleaning brush
Ref. 0008297

Solder Collector
(2 units)
Ref. 0008467

Cable flange.....2 units
Ref. 0010154

Filter Box .....1 unit
Ref. 0005966
It contains 50 filters

Cotton Filter ..... 10 units
Ref. 0781046

Suction Filter ..... 1 unit
Ref. 0821830

Manual .....1 unit

Features

DI Control Unit
Ref. DI-1D (120V)
DI-2D (230V)
DI-9D (100V)

Support Cable connection
Ref. 0011283

Equipotential connection

Main switch

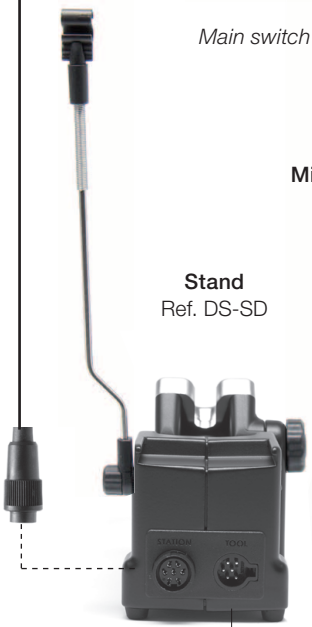
Power Socket

Fuse

Module Cable connector
Ref. 0010207

Micro Desoldering Iron
Ref. DS360-A

Stand
Ref. DS-SD



Electric Desoldering Module
Ref. MS-A

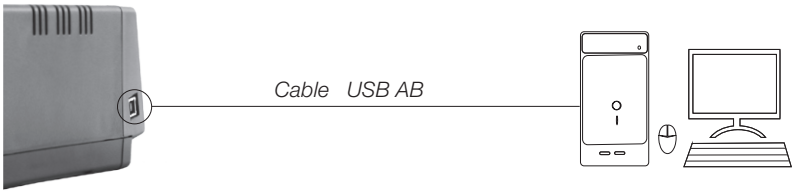
Suction Filter
Ref. 0821830

USB Connector

Download the latest softwares from our website to improve your soldering station.

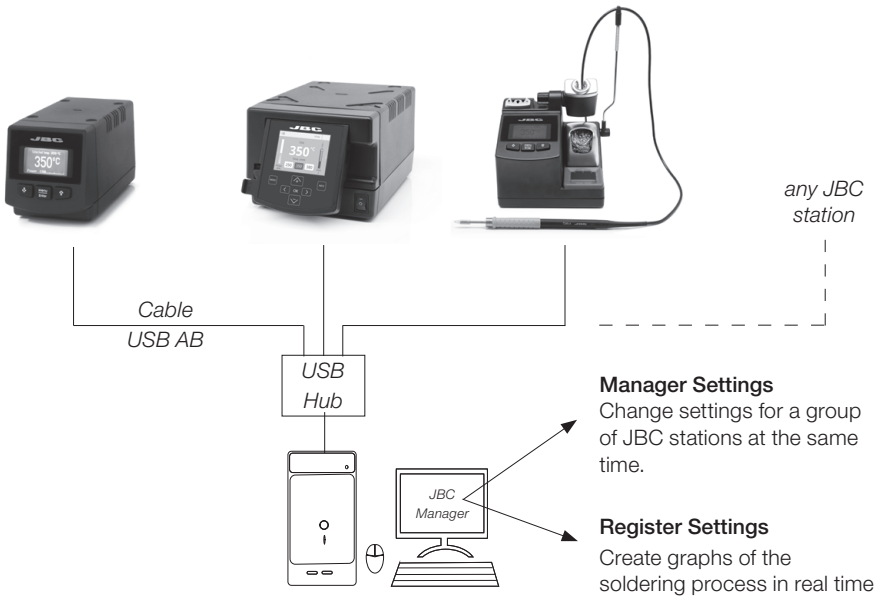
JBC Updater
www.jbctools.com/software.html

Update the station software via USB connection:



JBC Manager
www.jbctools.com/manager.html

Manage and monitor as many stations as your Windows PC supports by using the JBC Manager. You can export data to another PCs.



Manager Settings
Change settings for a group of JBC stations at the same time.

Register Settings
Create graphs of the soldering process in real time with power and temperature data.

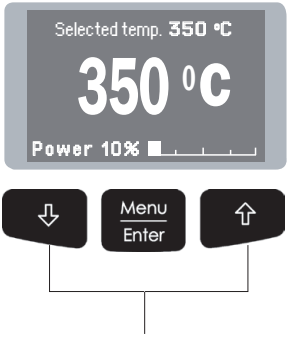
Operation

The JBC Exclusive Heating System

This revolutionary technology is able to recover tip temperature extremely quickly.
This allows the user to work at a lower temperature.
As a result, tip life increases x5 times.

1. Work

Lift tool from the stand and the tool tip will heat up to the selected temperature.



Change temperature (from 90 to 450ºC)

Tool Settings:
- *Select temperature levels*
- *Fix one temperature*

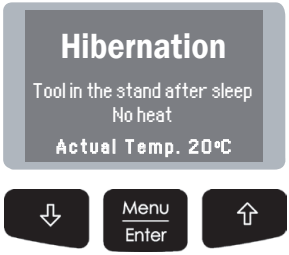
2. Sleep

When the tool is in the stand, the temperature reduces to Sleep temperature (pre-set 260ºC / 500ºF).

Tool Settings:
- *Set Sleep temperature (from 180 to 450ºC)*
- *Set Sleep delay (from 0 to 9 min or no Sleep)*

3. Hibernation

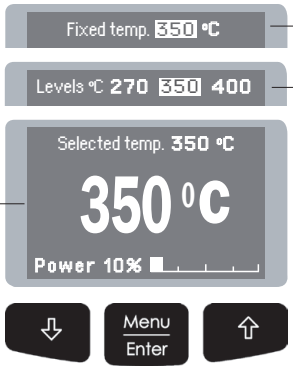
After long periods in the stand (pre-set 30 min), the power is cut and the tool cools down to room temperature.



Tool Settings:
- *Set Hibernation delay (from 0 to 35 min or no hibernation)*

Process Control

Work Screen



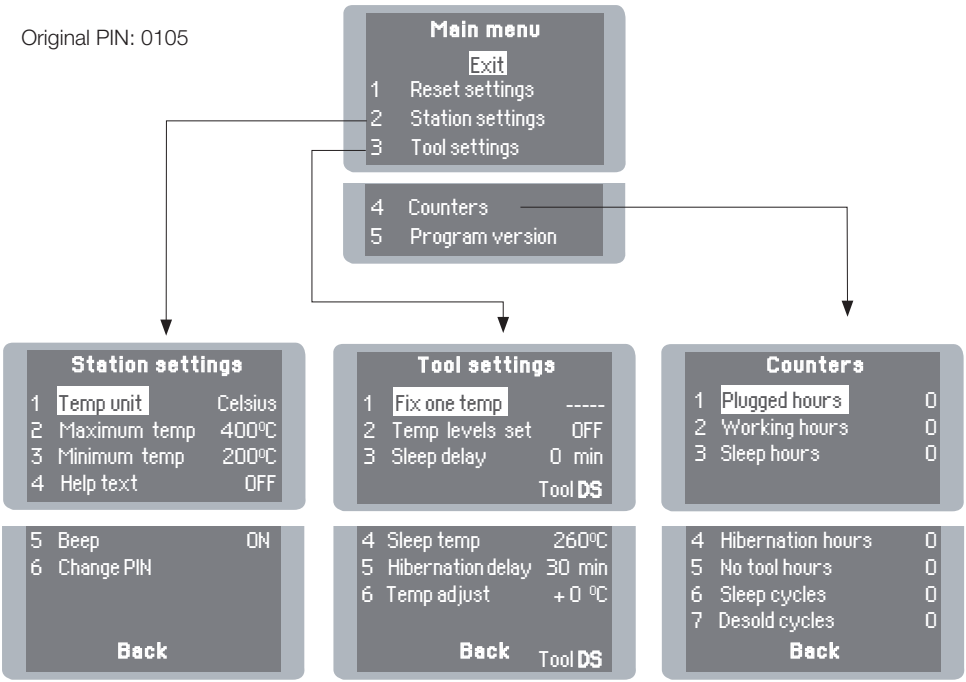
Displays a specific fixed temp.

Shown when you have selected temp. levels.

This screen provides useful information of tool status in real time.

Menu Screen

Original PIN: 0105

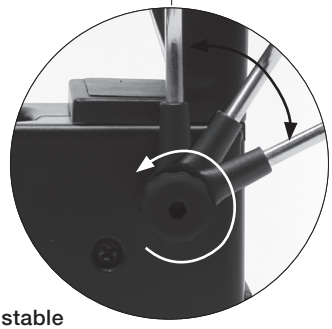


Stand assembly

Cable collector

Keeps working area free of cable.

Adjustable tool holder
Suits your work position.



Adjustable cable collector

Tip Cleaning stand

Improve thermal transfer by cleaning the tip after each solder joint.

Brass wool
Ref. CL6210

Very effective cleaning method. It leaves a small layer of solder on the tip to prevent oxidation between cleaning and rewetting.

Sponge
Ref. S0354

The least harmful cleaning method. Keep the sponge damp with destilled water when working to avoid tip wear.

Splashguard

It minimises splashing of solder particles when using the metal or brass wool.

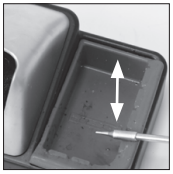
Non-slip base

You don't need to hold the base while cleaning tips

Wiper
Ref. CL0236

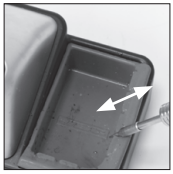
A temperature resistant receptacle allows the operator to remove excess solder by gently tapping or wiping. Wiper can be easily removed to clean it.

Tapping:



Tap gently to remove the excess of solder.

Wiping:

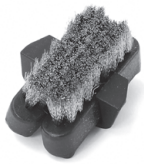


Use the slots to wipe off any remaining particles.

Optional

Inox wool
Ref. CL6205

Brushes
Ref. CL6220



Tip-tinner
Ref. TT-A

Sand
Ref. CL6211

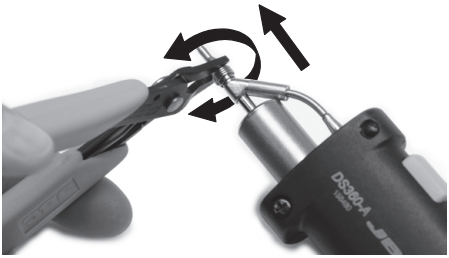
Changing the Tip

1. Remove the tip by using a flat-nosed pliers. Twist the tip and pull.

2. Insert the new tip and follow the same steps conversely.

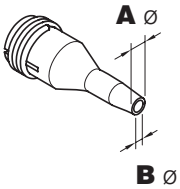
Important:
Change tips only when the tool is hot, so that any solder left inside is in molten state.

Do not hold the tip on the spring clamp.

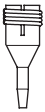


Compatible tips

The CS and CV desoldering stations work with C360 tip range. Find the model that best suits your desoldering needs on **www.jbctools.com**

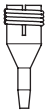


C360-001



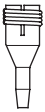
ØA: 1
ØB: 0.8
Ømax.pin: 0.4

C360-002



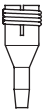
ØA: 1.2
ØB: 0.8
Ømax.pin: 0.6

C360-003



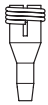
ØA: 1.4
ØB: 1
Ømax.pin: 0.8

C360-004



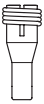
ØA: 1.4
ØB: 1
Ømax.pin: 0.8

C360-007



ØA: 1.9
ØB: 1.4
Ømax.pin: 1.2

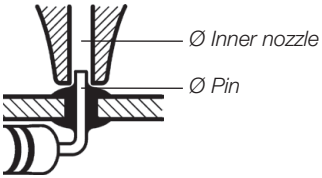
C360-006



ØA: 3
ØB: 1.5
Ømax.pin: 1.3

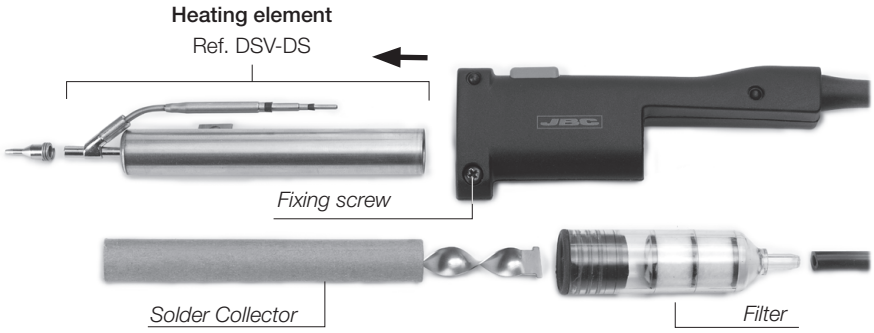
Tip selection

Remember to select the biggest tip possible for your application: Ø Inner nozzle > Ø Pin.



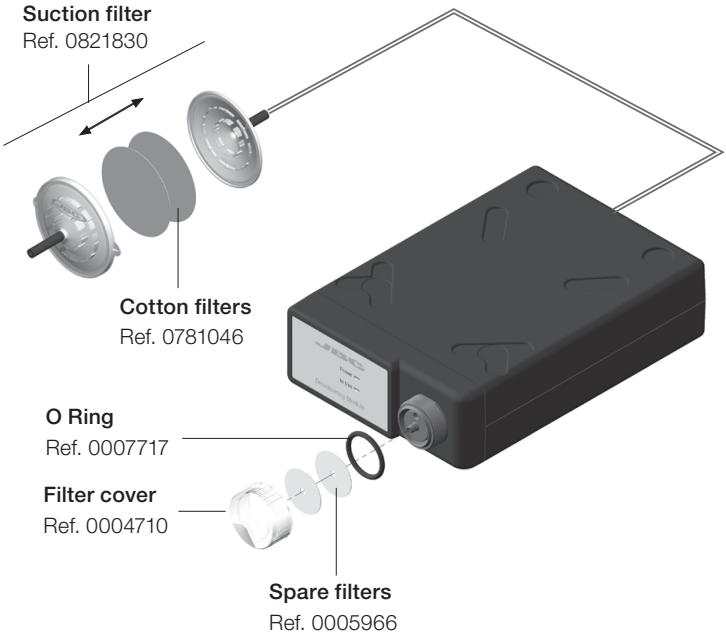
Changing the Heating Element

1. Disconnect the tool. Pull off the filter and the solder collector.
2. Undo the fixing screw indicated in the picture and remove the heating element.
3. Insert the new heating element following the same steps conversely.



Changing the Pump Filters

Important:
Do not open the Suction filter with sharp pointed objects in order to avoid damage.



Maintenance

Before carrying out maintenance or storage, always allow the equipment to cool.

- Clean the station's screen with a glass cleaner or a damp cloth.

- Use a damp cloth to clean the casing and the tool. Alcohol can only be used when cleaning the metal parts.

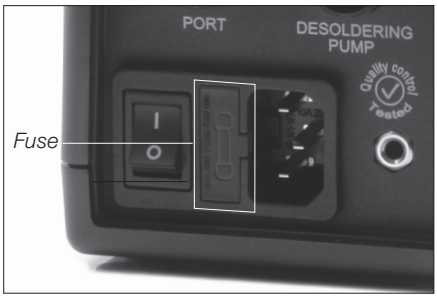
- Periodically check that the metal parts of the tool/stand are clean so that the station can detect when the tool is in the stand.

- Maintain tip surface clean and tinned prior to storage in order to avoid tip oxidation. Rusty and dirty surfaces reduce heat transfer to the solder joint.

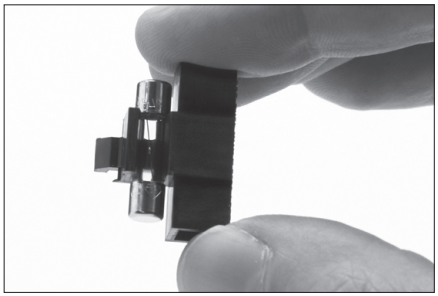
- Periodically check all cables, tubes and filters to ensure proper solder suction.

- Replace a blown fuse as follows:

Clean periodically



Remove the fuse by pulling the black cap. If necessary use a tool to lever it off.



Press the new fuse into the holder and replace it in the station.

- Replace any defective or damaged pieces. Use original JBC spare parts only.

- Repairs should only be performed by a JBC authorized technical service.

Safety

It is imperative to follow safety guidelines to prevent electric shock, injury, fire or explosion.

- Do not use the equipment for any purpose other than soldering or rework. Incorrect use may cause fire.

- The power cord must be plugged into approved bases. Be sure that it is properly grounded before use. When removing it, hold the plug, not the wire.

- Do not work on electrically live parts. Antistatic handle of soldering irons is electrically conductive.

- The tool should be placed in the stand when not in use in order to activate the sleep mode. The soldering tip, the metal part of the tool and the stand may still be hot even when the station is turned off. Handle with care, including when adjusting the stand position.

- Do not leave the appliance unattended when it is on.

- It is necessary to turn the station off before changing tips.

- Do not cover the ventilation grills.

- Heat can cause inflamable products to ignite even when out of sight.

- Use a “non residue” classified flux and avoid contact with skin or eyes to prevent irritation.

- Be careful with the fumes produced when soldering.

- Keep your workplace clean and tidy. Wear appropriate protection glasses and gloves when working to avoid personal harm.

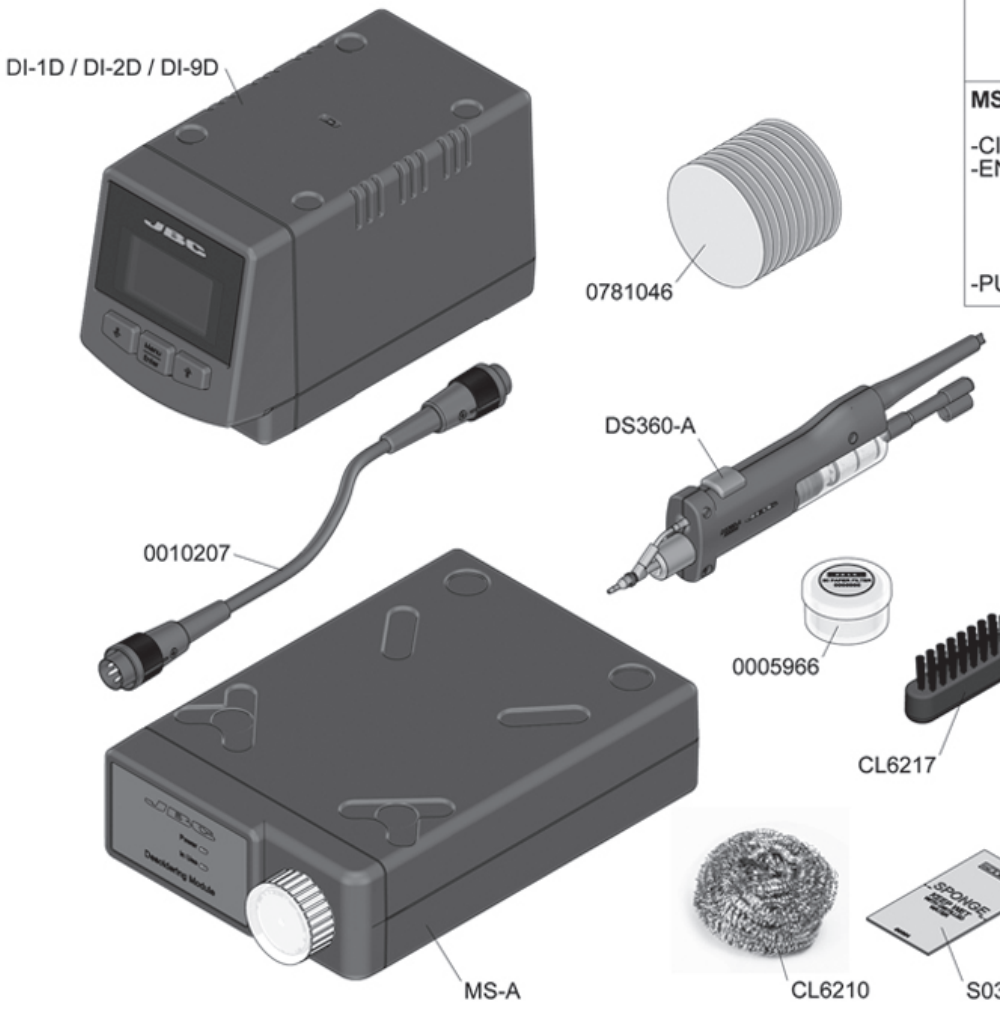
- Utmost care must be taken with liquid tin waste which can cause burns.

- This appliance can be used by children over the age of eight and also persons with reduced physical, sensory or mental capabilities or lack of experience provided that they have been given adequate supervision or instruction concerning use of the appliance and understand the hazards involved. Children must not play with the appliance. Maintenance shall not be carried out by children unless supervised.

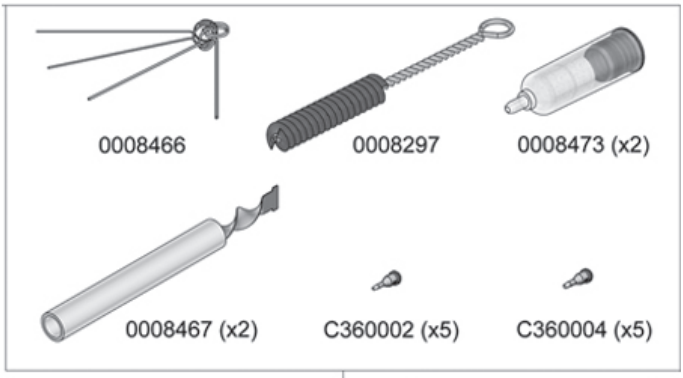
Exploded View

DSS-1D 120V
DSS-2D 230V
DSS-9D 100V

PREMIUM MICRO DESOLDERING STATION

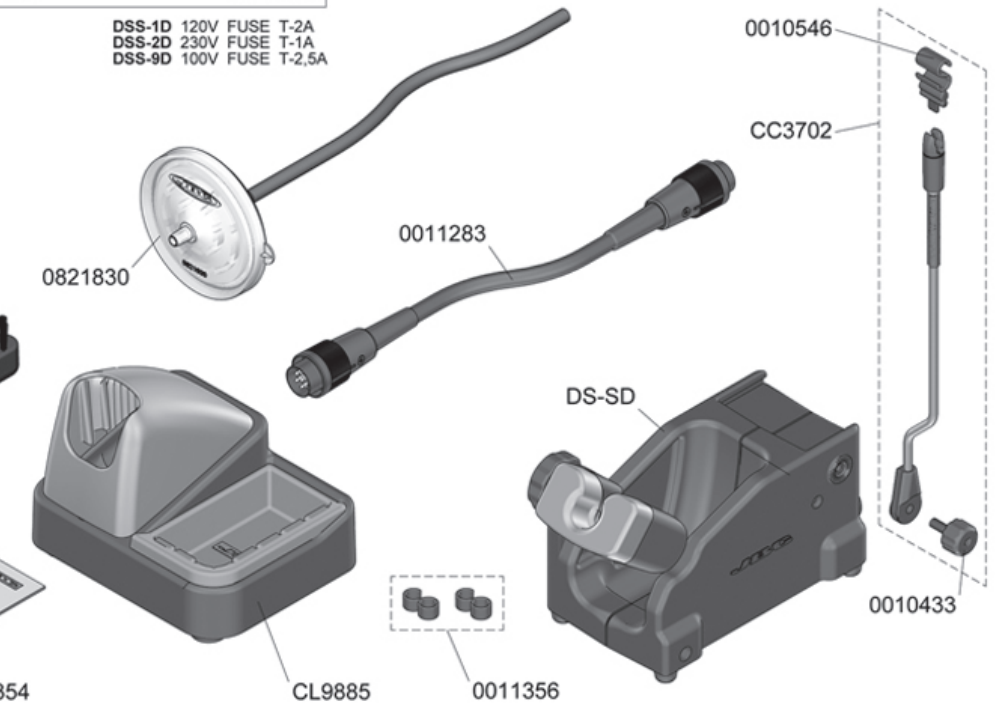


SPARE PARTS	
1D / DI-2D / DI-9D:	
RCUIT	0013287
NCLOSURE	
· TOP	0011435
· BOTTOM	0007544
· FRONT	0013830
· BACK	0003506
-A:	
RCUIT	0006545
NCLOSURE	
· TOP	0008197
· BOTTOM	0008198
· FRONT	0008835
· BACK	0008199
UMP	0005652



0010259

DSS-1D 120V FUSE T-2A
DSS-2D 230V FUSE T-1A
DSS-9D 100V FUSE T-2,5A



Specifications

DI-1D 120V 50/60Hz. Input fuse: 2A. Output: 23.5V.
DI-2D 230V 50/60Hz. Input fuse: 1A. Output: 23.5V.
DI-9D 100V 50/60Hz. Input fuse: 2.5A. Output: 23.5V.
- Total unit weight: 4,4 kg (9.6 lb)
- Size: 90 x 105 x 180 mm
- Temperature selection from 90°C (190°F) to 450°C (840°F)
- Output Peak Power: 130W
- Tip to ground resistance: <2 ohms
- Ambient operating temp: 10-40 ºC / 50-104 ºF
- USB connector station-PC

MS-A
- Total weight and size: 1,2 Kg (2.6lb)
- Size: 145 x 55 x 225 mm
- Vacuum: 75% / 570 mmHg / 22.4 inHg
- Flow rate: 9 SLPM

Complies with CE standards
ESD protected housing “skin effect”

JBC

Warranty
JBC’s 2 year warranty covers this equipment against all manufacturing defects, including the replacement of defective parts and labour.
Warranty does not cover product wear due to use or mis-use.
In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased.

This product should not be thrown in the garbage.
In accordance with the European directive 2002/96/EC, electronic equipment at the end of their life must be collected and returned to an authorized recycling facility.

0014655-0814

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