

JBC

www.jbctools.com

English



Compact Desoldering Station with Electric Pump

Ref. CS-D

Packing List

The following items should be included:

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



Micro Desoldering Iron 1 unit
Ref. DS360-A



DS360-A Accessories 1 unit
Ref. 0010259



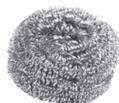
Electric Desoldering Module 1 unit
Ref. MS-A



Sponge 1 unit
Ref. S0354



Brass Wool 1 unit
Ref. CL6210



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



Suction Filter 1 unit
Ref. 0821830



Filter Box 1 unit
Ref. 0005966

It contains 50 filters



Module Cable 1 unit
Ref. 0010207



Cotton Filters 1 unit
Ref. 0781046



Manual 1 unit
Ref. 0010207



Features



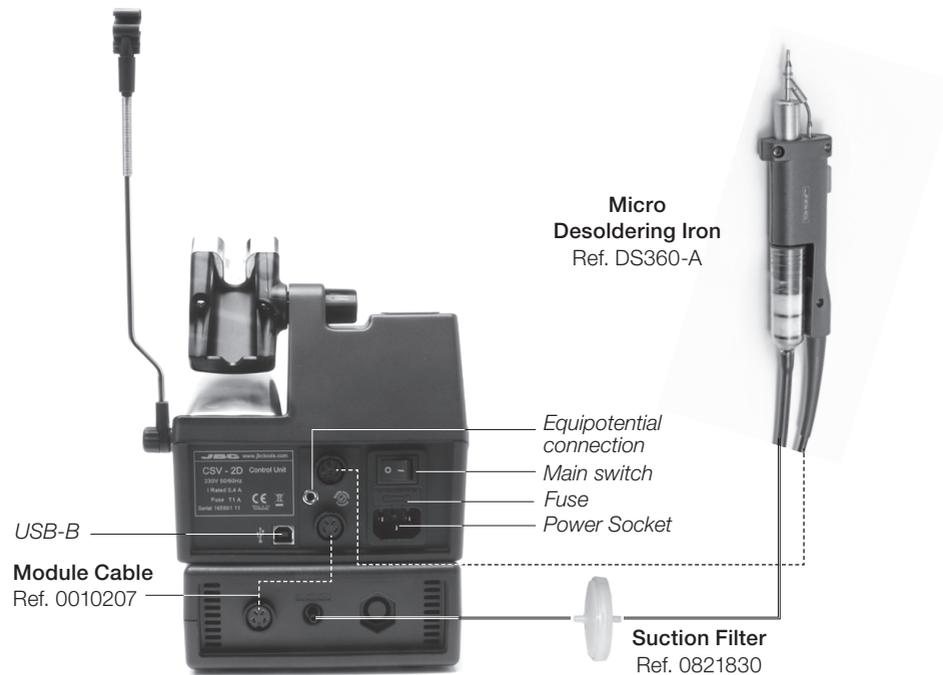
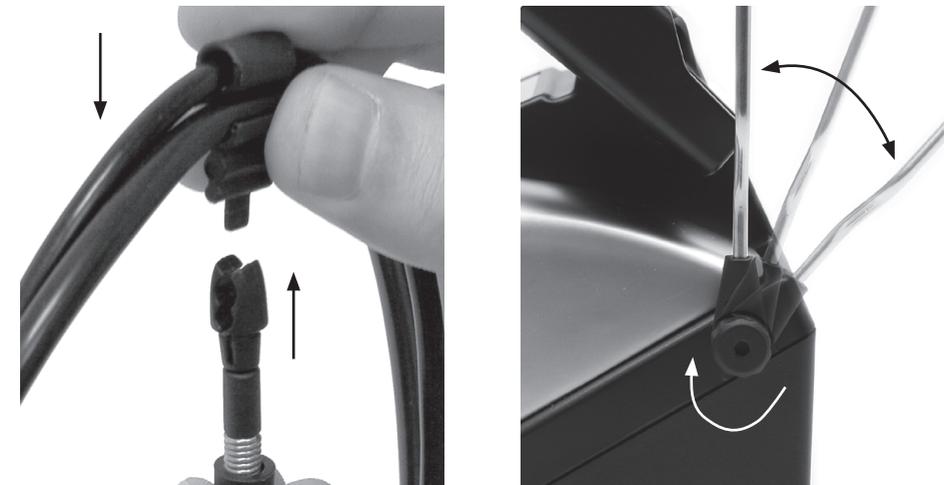
Adjustable Stand

Adjust the tool stand to suit your work position.



Cable collector

Place the cable on the collector to keep the work area free of cable.



Tip Cleaning System

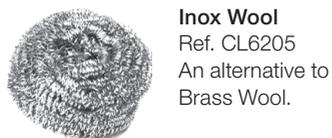
Select the option that best suits your tip cleaning needs.

Splashguard



Brass Wool
Ref. CL6210
Very effective cleaning method. Leaves a small layer of solder on the tip preventing oxidation between cleaning and reflowing.

More options for the splashguard (not supplied):

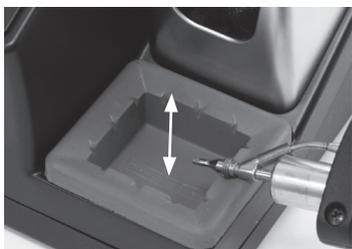


Tip Wipe



Sponge
Ref. S0354
The least harmful cleaning method. Keep the sponge damp with distilled water to prevent tip wear.

Tapping:



Tap gently to remove the excess solder.

Wiping:



Use the slots to wipe off any remaining particles.

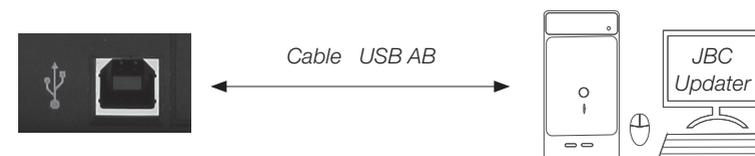
USB Connector

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

JBC Updater

www.jbctools.com/software.html

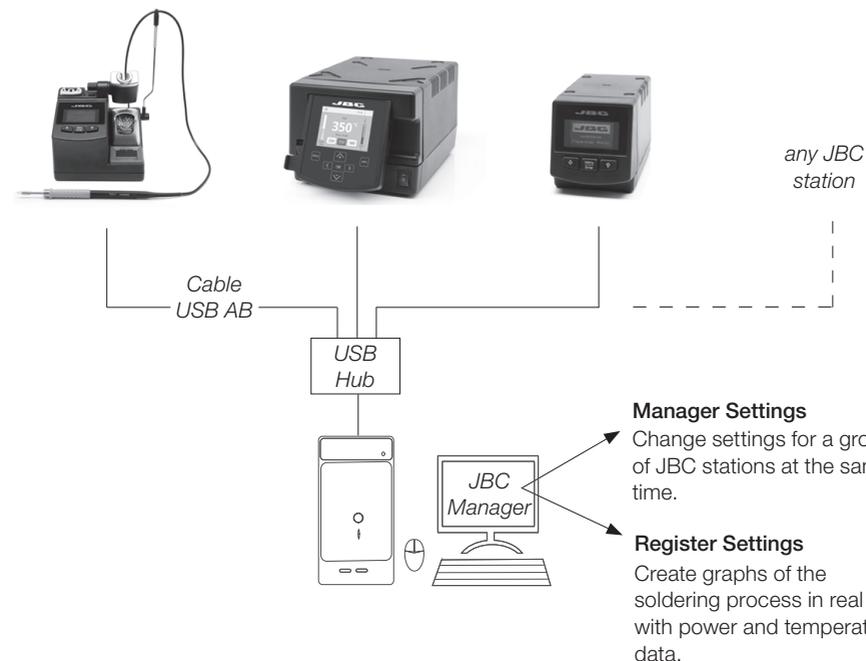
Update the station software via USB connection:



JBC Manager

www.jbctools.com/manager.html

Manage and monitor as many stations as your PC can handle by using the JBC Manager software. You can export data to other PCs.



Operation

The JBC Exclusive Heating System

Our revolutionary technology is able to recover tip temperature extremely quickly. It means the user can work at a lower temperature and improve the quality of soldering. Tip temperature is further reduced thanks to the Sleep and Hibernation modes which increase tip life by 5.

1. Work



When the tool is lifted from the stand the tip will heat up to the selected temperature.

2. Sleep

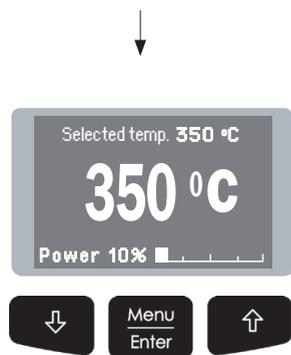


When the tool is in the stand, the temperature falls to Sleep temperature (pre-set 260°C / 500°F).

3. Hibernation



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



Change temperature
(from 180 to 450°C)

Tool Settings:
· Select temperature levels
· Fix one temperature



Tool Settings:
· Set Sleep temperature
· Set Sleep delay
(from 0 to 9 min or no Sleep)

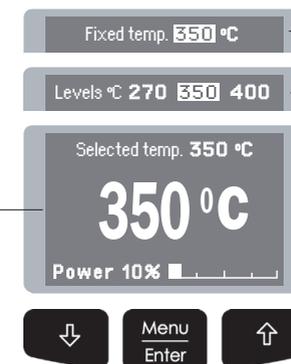


Tool Settings:
· Set Hibernation delay
(from 0 to 35 min or no hibernation)

Process Control

Work Screen

This screen provides information of tool status in real time.

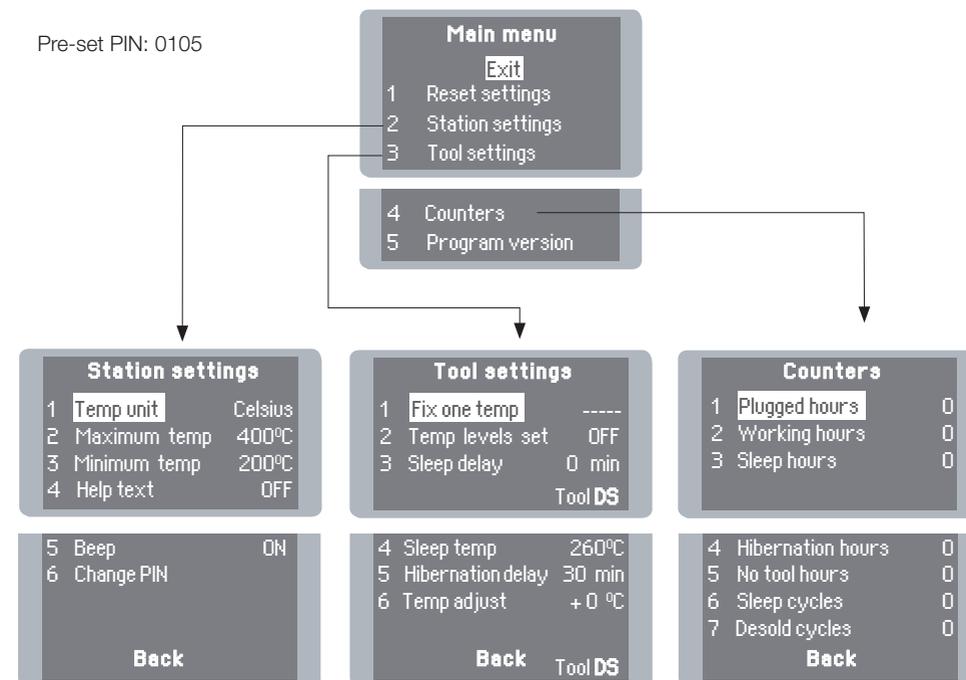


Shown when you fix a specific temp.

Shown when you have selected temp. levels.

Menu Screen

Pre-set PIN: 0105



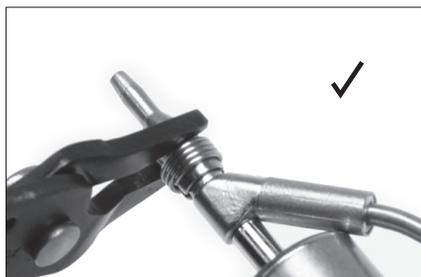
Changing the Tip

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



Important:
Change tips only when the tool is hot.

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



Do not hold the tip on the spring clamp.

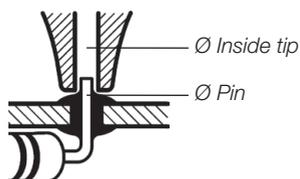
Compatible tips

The CS and CV desoldering stations work with C360 tip range. Check the model that best adapts to your desoldering needs in 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

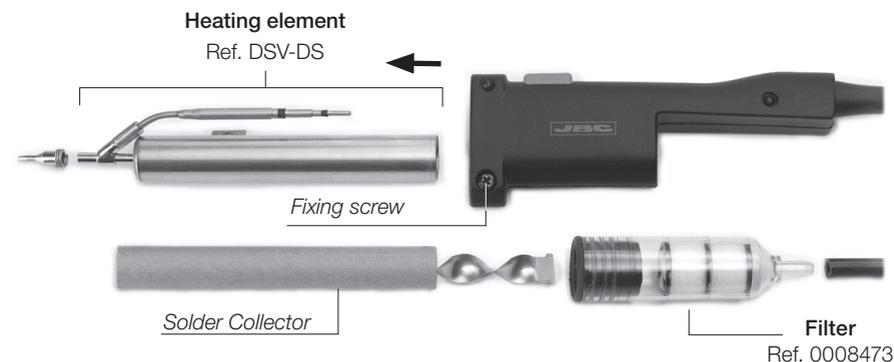
Tip selection

Remember to select the biggest tip possible for your application: $\text{Ø inside tip} > \text{Ø Pin}$.



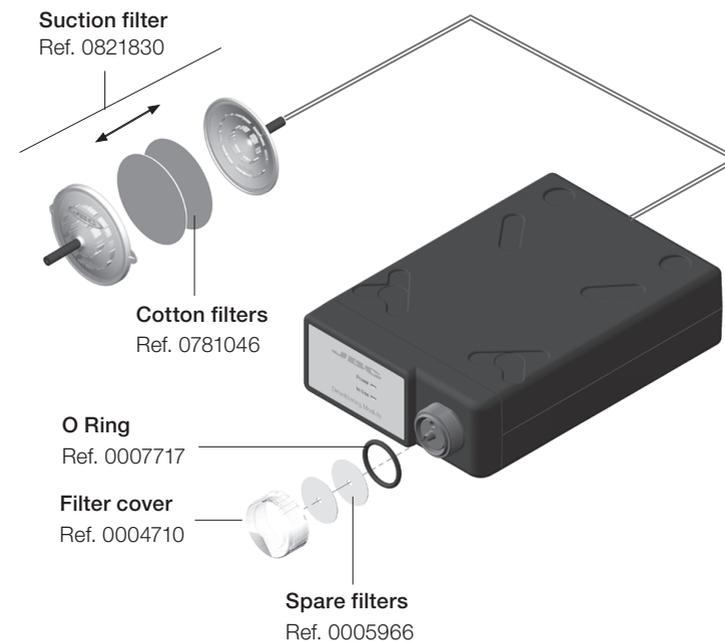
Changing the Heating Element

1. Remove by pulling the filter and the solder collector.
 2. Take out the fixing screw and withdraw the heating element.
 3. Insert the new heating element by following the same steps conversely.



Changing the Pump Filters

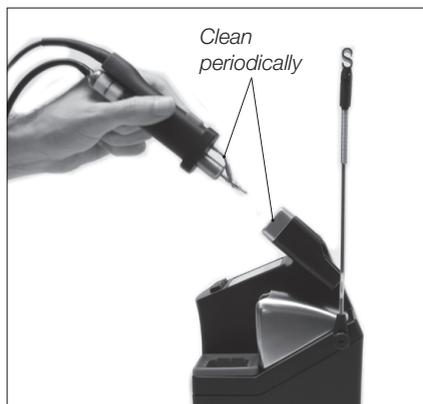
Important:
Do not open the Suction filter with sharp pointed objects to avoid damage.



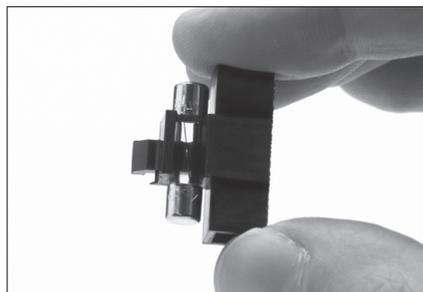
Maintenance

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

- Clean the station screen with a glass cleaner or a damp cloth.
- Use a damp cloth to clean the casing and the tool. Alcohol can also 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:



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 units 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 unplugging 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.
- Do not cover the ventilation grills. Heat can cause inflammable 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 protective 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.

Specifications

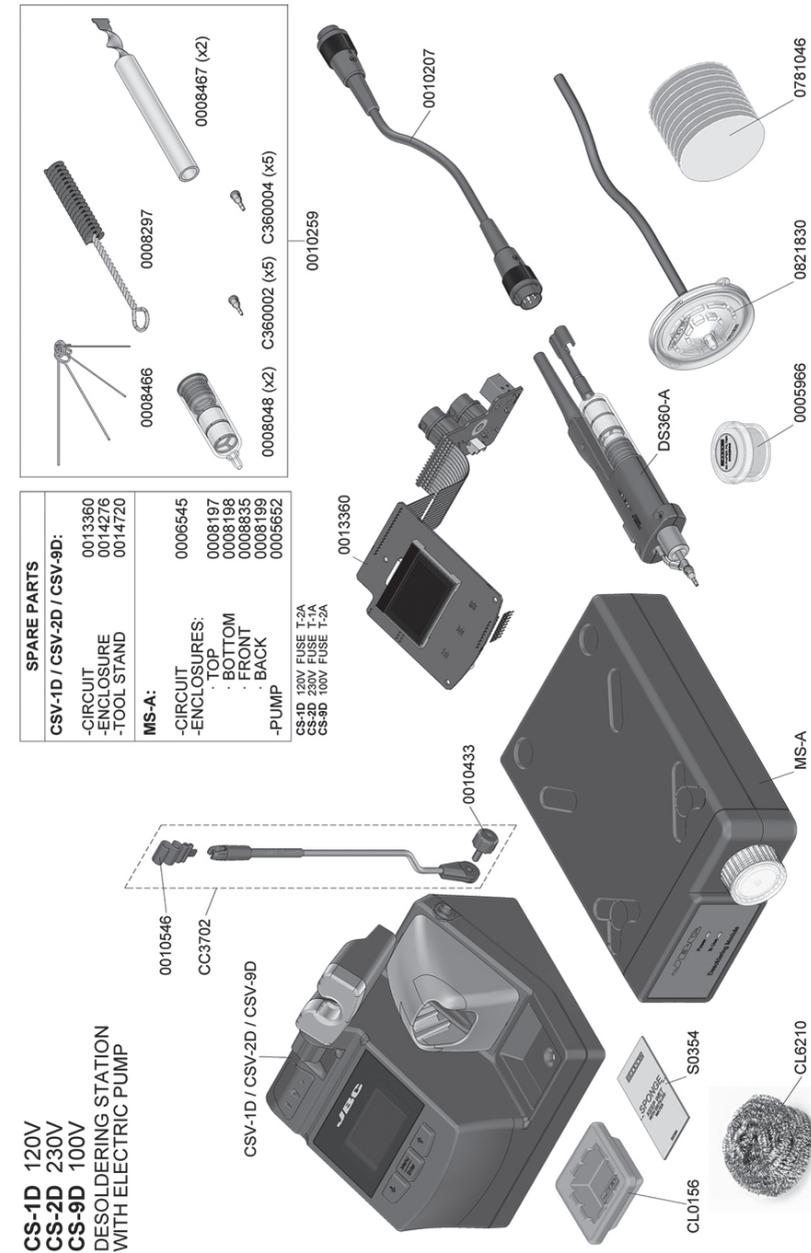
- CS-1D** 120V 50/60Hz. Input fuse: 2A. Output: 23,5V.
CS-2D 230V 50/60Hz. Input fuse: 1A. Output: 23,5V.
CS-9D 100V 50/60Hz. Input fuse: 2A. Output: 23,5V.
- Weight: 2.8 Kg (6.2lb)
 - Dimensions: 150 x 175 x 145 mm
 - Temperature selection: 180-450°C (356-842°F)
 - Output Peak Power: 40W
 - Tip to ground resistance: <2 ohms
 - Ambient operating temp: 10-40 °C / 50-104 °F
 - USB connector station-PC

MS-A

- Weight: 1.2 Kg (2.6lb)
- Dimensions: 145 x 55 x 225 mm
- Vacuum: 75% / 570 mmHg / 22.4 inHg
- Flow rate: 9 SLPM

Comply with CE standards.
 ESD protected housing "skin effect".

Exploded View



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.