

# **JBC**

[www.jbctools.com](http://www.jbctools.com)

## **INSTRUCTION MANUAL**



## **Micro Desoldering Iron**

Ref. DS360-A

# Packing List

The following items should be included:

**Micro Desoldering Iron** ..... 1 unit  
 Ref. DS360-A  
*C360004 already inserted*



**Cleaning Rods** ..... 1 unit  
 Ref. 0008466



**Tips** ..... 10 units  
 Ref. C360002 (x5)  
 C360004 (x5)



**Union Flanges** ..... 2 units  
 Ref. 0011356



**Filter** ..... 2 units  
 Ref. 0008473



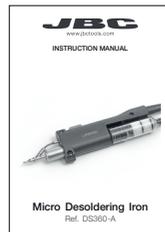
**Cleaning brush** ..... 1 unit  
 Ref. 0008297



**Solder Collector** ..... 2 units  
 Ref. 0008467



**Manual** ..... 1 unit  
 Ref. 0008864



## Connection

### Tip

Ref. C360002  
C360004

### Micro Desoldering Iron

Ref. DS360-A



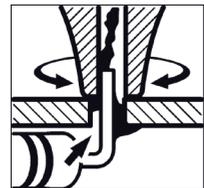
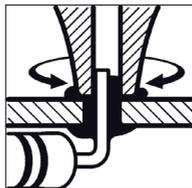
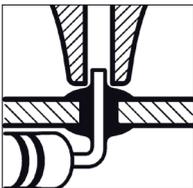
### Suction Filter

Ref. 0821830  
*Supplied with  
desoldering module*

## Desoldering process

When desoldering, use a tip with a diameter larger than the pad being desoldered. This will achieve maximum suction and thermal efficiency.

1. Apply the tip so that it fits over the component terminal.
2. When the solder liquefies, gently rotate the tip so that the terminal can be lifted off.
3. Then press the vacuum pump button long enough to suck up the solder.



The vacuum pump will continue to run for a few seconds. This makes sure that the vacuum circuit is completely empty. If there are any solder remains left on a terminal, just resolder it with fresh solder and repeat the desoldering operation.

# Changing the heating element (Ref. DSV-DS)

For this operation, turn off the station or disconnect the tool and wait until the tool temperature drops to room temperature.

1. Remove the filter before changing the heating element.



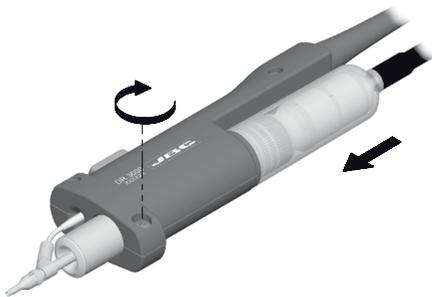
2. Remove the fixing screw and take out the heating element.



3. Insert the new heating element.



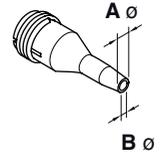
4. Tighten the fixing screw and insert the filter again.



## Compatible Tips

The DS360 uses C360 tips.

Find the model that best suits your needs in [www.jbctools.com](http://www.jbctools.com)

**C360-001**

ØA= 1 mm (0.04 in)  
ØB= 0,6 mm (0.02 in)  
Ømax. pin= 0,4 mm (0.02 in)

**C360-002**

ØA= 1,2 mm (0.05 in)  
ØB= 0,8 mm (0.03 in)  
Ømax. pin= 0,6 mm (0.02 in)

**C360-003**

ØA= 1,4 mm (0.06 in)  
ØB= 1 mm (0.04 in)  
Ømax. pin= 0,8 mm (0.03 in)

**C360-004**

ØA= 1,6 mm (0.06 in)  
ØB= 1,2 mm (0.05 in)  
Ømax. pin= 1 mm (0.04 in)

**C360-007**

ØA= 1,9 mm (0.08 in)  
ØB= 1,4 mm (0.06 in)  
Ømax. pin= 1,2 mm (0.05 in)

**C360-006**

ØA= 3 mm (0.12 in)  
ØB= 1,5 mm (0.06 in)  
Ømax. pin= 1,3 mm (0.05 in)

**C360-011**

ØA= 1 mm (0.04 in)  
ØB= 0,6 mm (0.02 in)

**C360-012**

ØA= 1,3 mm (0.05 in)  
ØB= 0,8 mm (0.03 in)

**C360-013**

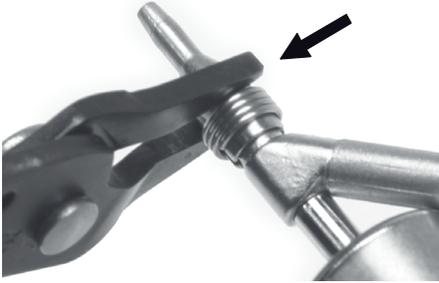
ØA= 1,4 mm (0.06 in)  
ØB= 1 mm (0.04 in)

**C360-014**

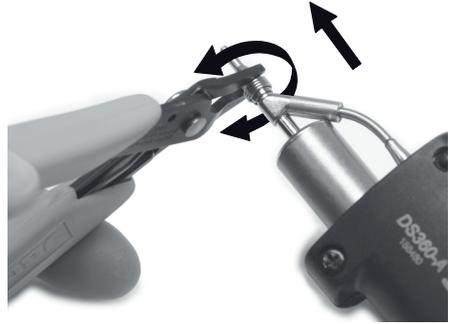
ØA= 1,6 mm (0.06 in)  
ØB= 1,2 mm (0.05 in)

## Changing the Tips

Tip's fasten area.  
Do not hold it on the spring clamp.



To remove the tip, use a pair of flat-nosed pliers, twist the tip and pull.



⚠ **Important:** This operation should be done while the tip is hot and at a minimum temperature of 250°C, so that any tin left inside is still molten.

## Maintenance

Before carrying out maintenance or storage, always unplug the tool.

- Check periodically that the metal parts are clean to ensure it is detected when on the stand. Always use a damp cloth or alcohol.
- Periodically check all cables and tubes connections.
- 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 protect health and prevent electric shock, injury, fire or explosions.**

- Do not use the tool for any purpose other than soldering or rework. Incorrect use may cause fire.
- The temperature of accessible surfaces may remain high after the unit is turned off. Handle with care.
- Do not leave the appliance unattended when it is on.
- It is necessary to turn the station off before changing tips.
- Heat can cause inflammable products to ignite even when out of sight.
- Be careful with the remains of liquid tin. In contact with skin, it can cause burns.
- Avoid flux coming into 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.
- This appliance can be used by children over the age of eight as well as persons with reduced physical, sensory or mental capabilities or lacking 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 must not be carried out by children unless supervised.

# Specifications

- Weight: 176 gr (0.38 lb)

Complies with CE standards.  
ESD protected housing.

# JBC

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## 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 or misuse.

In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased.

**Register your warranty within 30 days of purchase in [www.jbctools.com/productregistration](http://www.jbctools.com/productregistration)**

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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.



Manual in other languages available on our website

**[www.jbctools.com](http://www.jbctools.com)**