

JBC

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Premium Precision Soldering Station

Ref. DIR-D

Packing List

The following items should be included:

DI Control Unit1 unit
Ref. DI-1D (120V)
DI-2D (230V)
DI-9D (100V)



Stand1 unit
Ref. AD-SD



Precision Handle 1 unit
Ref. T210-A



ESD Tip Cleaner1 unit
Ref. CL8499



Sponge 1 unit
Ref. S0354



Brass wool 1 unit
Ref. CL6210



Cartridge 1 unit
Ref. C210001



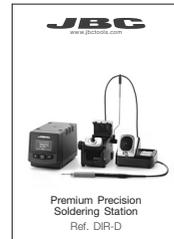
Stand cable 1 unit
Ref. 0011283



Power Cord1 unit
Ref. 0009417 (100V/120V)
0009401 (230V)

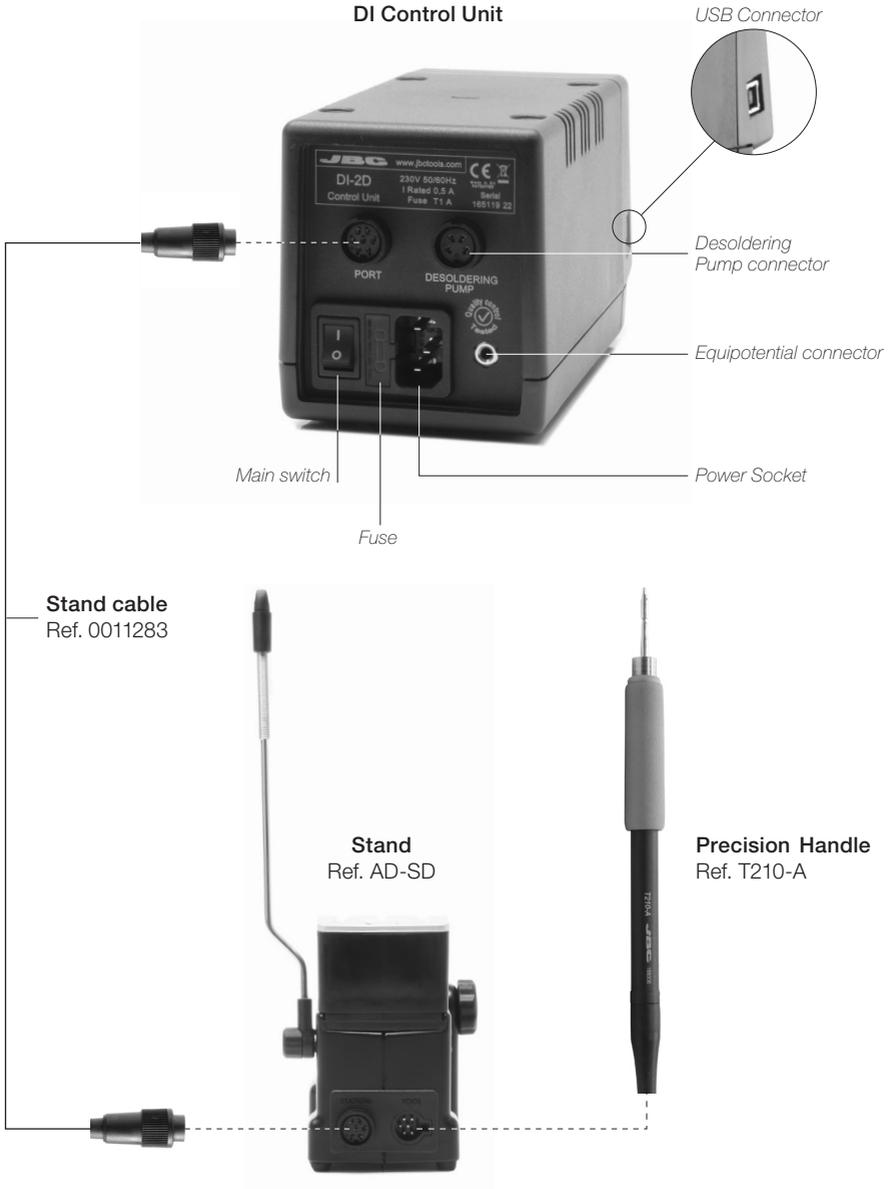


Manual1 unit
Ref. 0020492



Check our website for the corresponding manuals. Also available in other languages.

Features & Connections



Compatibility

Select the equipment that best suit your soldering or desoldering needs.

| Basic working system | | | | Peripherals | | | |
|----------------------|---------|----------|-----------------|--------------|------|----------------------|-------|
| Control Unit | Stand | Tool | Cartridge Range | MS-A MV-A | MN-A | FS500-1A FS500-2A | P-005 |
| DI-D | AD-SD | T210-A | C210 | | | ● | ● |
| | | T245-A | C245 | | | ● | ● |
| | | T470-A | C245 | | | ● | ● |
| | DN-SE | T210-NA* | C210 | | ● | | |
| | | T245-NA* | C245 | | | | |
| | | T470-NA* | | | | | |
| | AP-SD | AP250-A | C250 | | | ● | ● |
| | PA-SD | PA120-A | C120 | | | ● | ● |
| | HT-SD | HT420-A | C420 | | | ● | ● |
| | DS-SD | DS360-A | C360 | ● | | | ● |
| DR-SD | DR560-A | C560 | ● | | | ● | |

* The **MN-A Nitrogen Flow Regulator** is required.

Maintenance

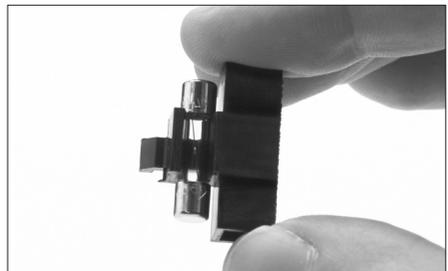
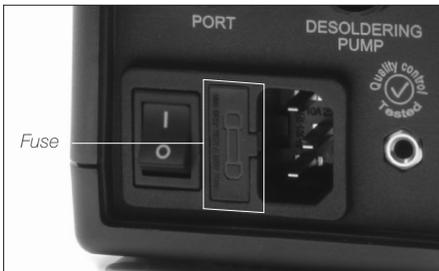
Before carrying out maintenance or storage, always allow the equipment to cool and unplug the stand from the station and the tool.

- Clean the station screen with a glass cleaner or a damp cloth.
- Use a damp cloth to clean the casing, the stand and the tool. Alcohol can only be used for cleaning the metal parts.
- Periodically check that the metal parts of the tool and stand are clean so that the station can detect the tool status.
- 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:



1. Pull off the fuse holder and remove the fuse. If necessary use a tool to lever it off.

2. Press the new fuse into the fuse 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.
- It is necessary to turn the station off before changing tips.
- Do not cover the ventilation grills. Heat can cause inflammable products to ignite.
- Avoid the contact of flux 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 must not be carried out by children unless supervised.

有害物质含量表

产品中有害物质的名称及含量

| 部件名称 | 有害物质 | | | | | |
|------|-------|-------|-------|-----------------|---------------|-----------------|
| | 铅(Pb) | 汞(Hg) | 镉(Cd) | 六价铬 (Cr(VI)) | 多溴联苯 (PBB) | 多溴二苯醚 (PBDE) |
| 烙铁头 | ○ | ○ | ○ | ○ | ○ | ○ |
| 手柄 | ○ | ○ | ○ | ○ | ○ | ○ |
| 电源线 | ○ | ○ | ○ | ○ | ○ | ○ |
| 主机 | ○ | ○ | ○ | ○ | ○ | ○ |
| 电源插座 | ○ | ○ | ○ | ○ | ○ | ○ |
| 保险丝 | ○ | ○ | ○ | ○ | ○ | ○ |
| 主开关 | ○ | ○ | ○ | ○ | ○ | ○ |
| 电位连接 | X | ○ | ○ | ○ | ○ | ○ |
| 变压器 | ○ | ○ | ○ | ○ | ○ | ○ |
| 线路板 | X | ○ | ○ | ○ | ○ | ○ |

○ 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572 规定的限量要求以下。
X 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572 规定的限量要求。

Specifications

Premium Soldering station

DIR-1D / DIR-2D / DIR-9D

- Total weight: 4,6 kg (10.1 lb)

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.

- Weight: 2,2 kg (4.85 lb)
- Size: 90 x 105 x 180 mm (3.5 x 4.1 x 7.1 in)
- Output Peak Power: 130W
- Temperature Range : 90 to 450 °C (190 to 840 °F)
- Idle Temp. Stability (still air): ± 1.5 °C / ± 3 °F
- Tip to ground resistance: <2 ohms
- Tip to ground voltage: <2mV RMS
- Ambient operating temp: 10 to 40 °C (50 to 104 °F)
- Connections: USB-B / Peripherals connectors

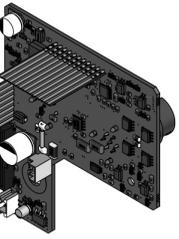
Complies with CE standards.

ESD protected.

Exploded View

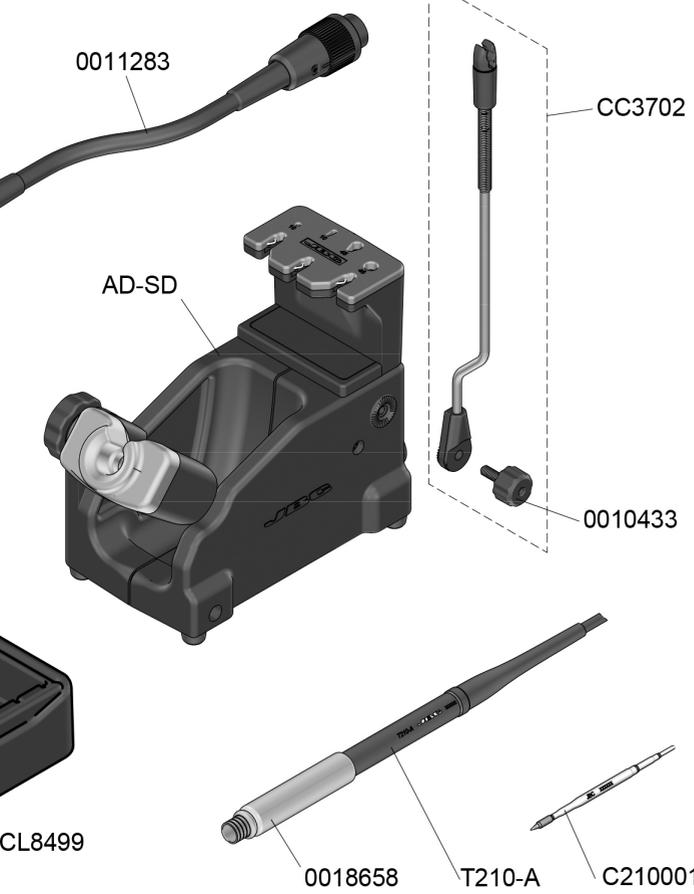
DIR-1D 120V
DIR-2D 230V
DIR-9D 100V
PREMIUM PRECISION
SOLDERING STATION
FROM SERIE 194804





| SPARE PARTS | |
|-------------------------------|---------|
| DI-1D / DI-2D / DI-9D: | |
| -CIRCUIT | 0015109 |
| -ENCLOSURE | |
| · TOP | 0011435 |
| · BOTTOM | 0014032 |
| · FRONT | 0013830 |
| · BACK | 0003506 |

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



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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.

Please register your product warranty within 30 days of purchase in:
www.jbctools.com/productregistration.



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