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INSTRUCTION MANUAL



Heavy Duty station

Ref. HDE-B

Packing List

The following items should be included:

HDE Control Unit 1 unit
Ref. HDE-1B (120V)
HDE-2B (230V)
HDE-9B (100V)



Stand 1 unit
Ref. HD-SE



HD Purpose Handle 1 unit
Ref. T470-A



ESD Tip Cleaner 1 unit
Ref. CL8499



Sponge 1 unit
Ref. S0354



Cartridge Holder1 unit
Ref. SCH-A



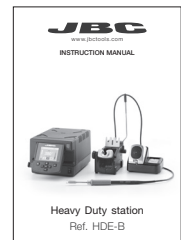
Stand cable 1 unit
Ref. 0011283



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



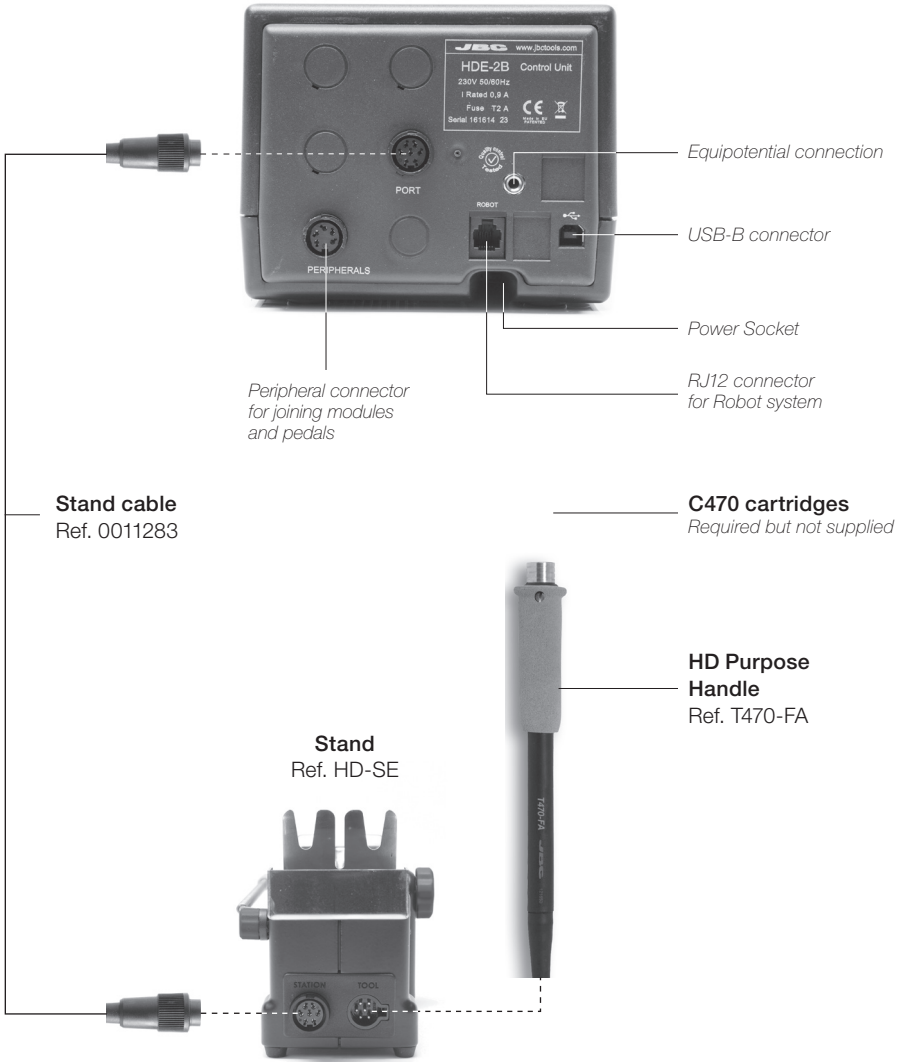
Manual1 unit
Ref. 0021215

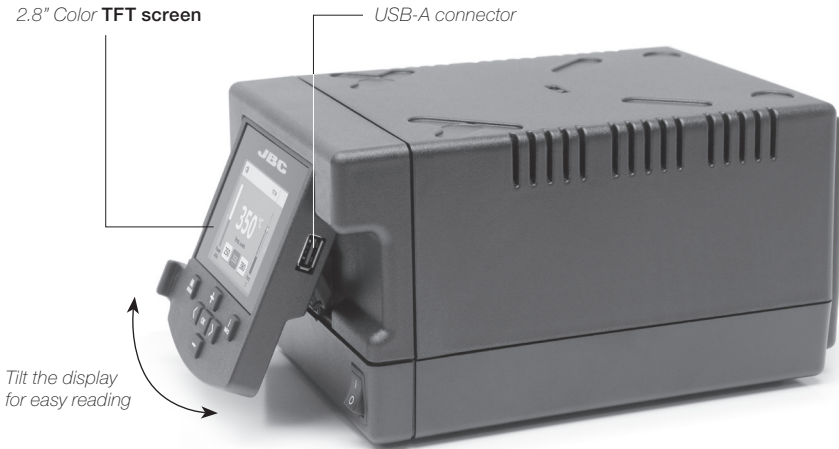


Check our website for the corresponding manuals. Also available in other languages.

Features & Connections

HDE Control Unit





Peripherals

Join the station port with 1 module and 1 pedal. See the compatible peripherals below:

**Nitrogen Flow
Regulator**
Ref. MNE-A



Pedal
Ref. P-005



**Fume
Extractor Switch**
Ref. FSE-A



Pedal
Ref. P-005



Use this foot switch to **enable/disable** a module or make the tool enter/exit **Sleep** mode.
If you do not have a module, you can link up the P-305 Pedal Kit to the tool port.

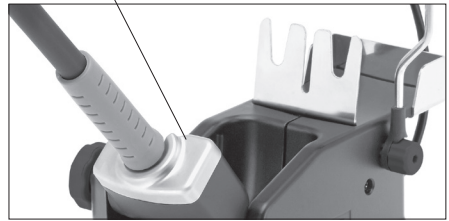
Maintenance

Before carrying out maintenance, 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 only be used to clean 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 and tubes.

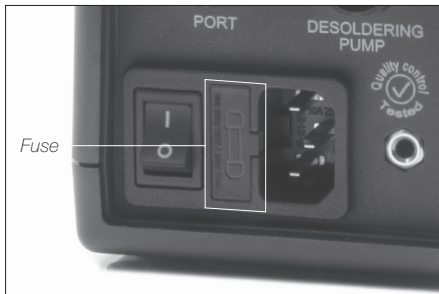


Clean periodically

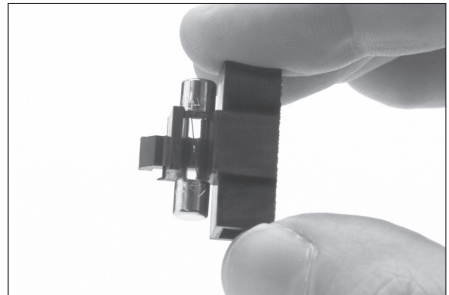


- Replace a blown fuse as follows:

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



2. Insert the new fuse into the fuse holder and return it to the station.



- Replace any defective or damaged pieces. Only use original JBC spare parts.
- 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.
- 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.
- 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	O	O	O	O	O	O
手柄	O	O	O	O	O	O
电源线	O	O	O	O	O	O
主机	O	O	O	O	O	O
电源插座	O	O	O	O	O	O
保险丝	O	O	O	O	O	O
主开关	O	O	O	O	O	O
电位连接	X	O	O	O	O	O
变压器	O	O	O	O	O	O
线路板	X	O	O	O	O	O
O 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

HDE-1B 120V 50/60Hz. Input fuse: 4A. Output: 42V.

HDE-2B 230V 50/60Hz. Input fuse: 2A. Output: 42V.

HDE-9B 100V 50/60Hz. Input fuse: 5A. Output: 42V.

- Weight: 4,9 kg (10.8 lb)
- Dimensions: 145 x 120 x 225 mm (3.54 x 4.13 x 7.09 in)
- Output Peak Power: 250W
- Temperature Range: 90 - 500 °C (190 - 932 °F) (±5%)
- 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 - 40 °C (50 - 104 °F)
- Connections: USB-A / USB-B / Peripherals connectors
- RJ12 connector for Robot

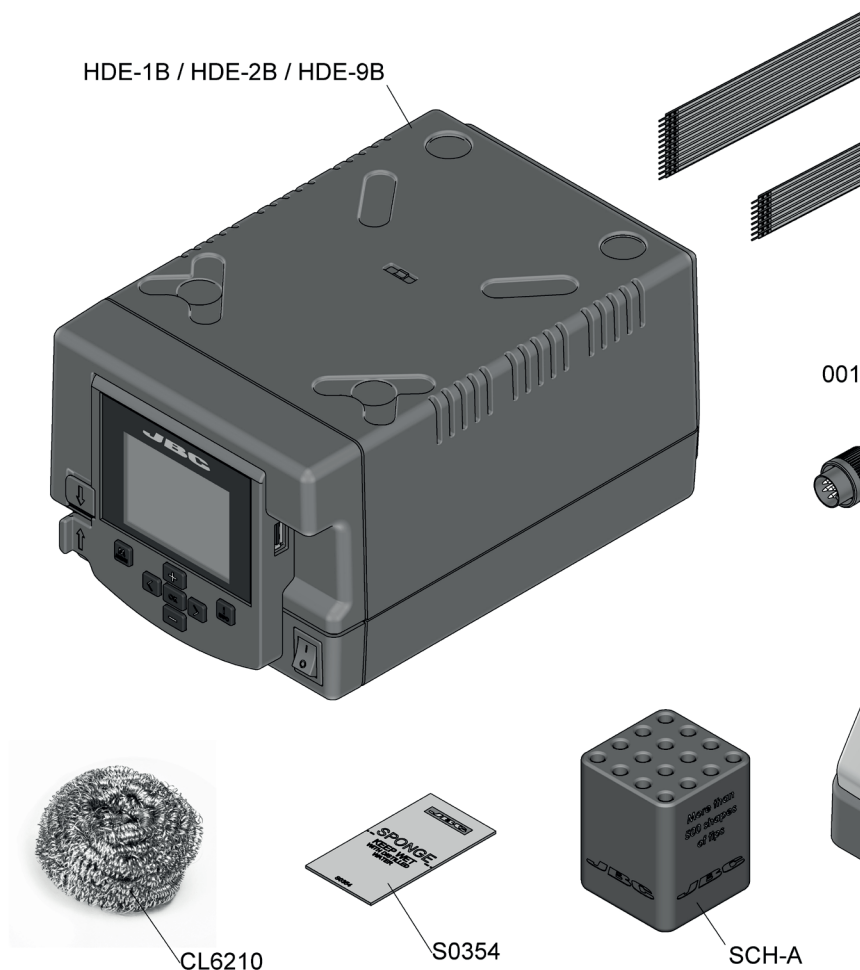
Complies with CE standards.
ESD protected housing.

Exploded View

HDE-1B 120V
HDE-2B 230V
HDE-9B 100V
HEAVY DUTY STATION
FROM SERIE 199753

0013489
BATTERY-
CR1220

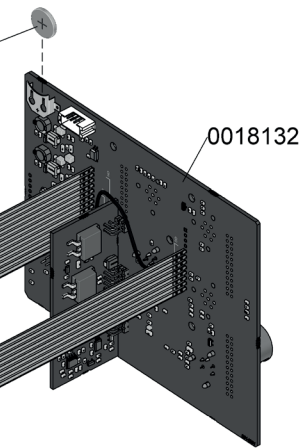
HDE-1B / HDE-2B / HDE-9B



CL6210

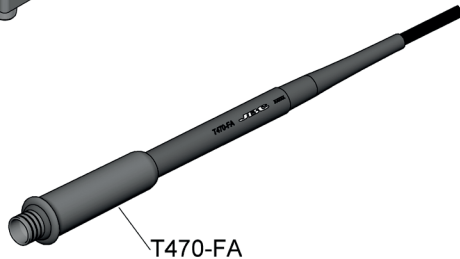
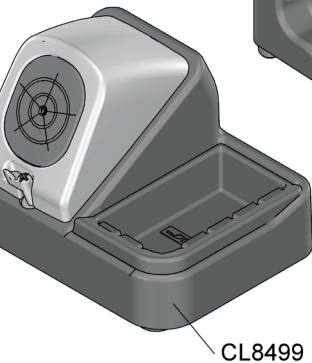
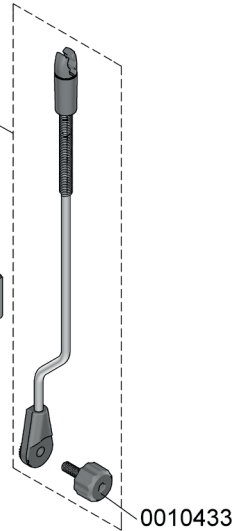
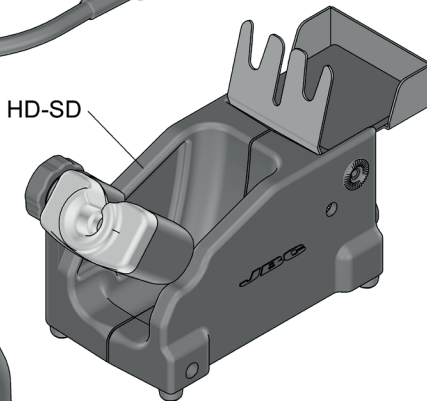
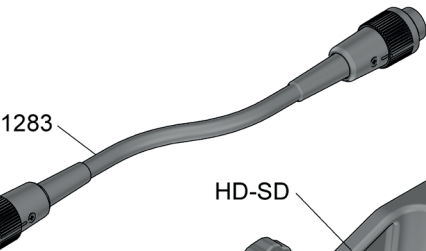
S0354

SCH-A



SPARE PARTS	
HDE-1B / HDE-2B / HDE-9B:	
-REAR CIRCUIT	0018132
-ENCLOSURE	
· TOP	0019028
· BOTTOM	0014567
· FRONT+DISPLAY	0016313
· BACK	0013413

HDE-1B 120V FUSE T-4A
HDE-2B 230V FUSE T-2A
HDE-9B 100V FUSE T-5A





Warranty

JBC's two-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



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