

# JBC CDB

## Soldering



Discover CDB

For general electronics application.

It provides all the advantages of JBC Most Efficient Soldering System in the smallest footprint:

- JBC Intelligent Heat Management provides the best soldering quality and with Sleep & Hibernation Modes extends tip life up to 5 times.
- Complete Tip Cleaning System, with exclusive fast and safe Cartridge Exchanger.
- Connectivity:
  - Fume Extractor
  - Data Download
  - Software Updates
  - Traceability
- Includes T245 General Purpose Handle, which works with our wide range of C245 Cartridges.

\*Cartridge not included

**Don't believe us...**  
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**CD-1BQF**  
**CD-2BQF** 230 V  
**CD-9BQF** 100 V

## PRODUCT COMPOSITION

- 1 [Instruction Manual](#)
- 1 CD Control Unit
- 1 [T245 General Purpose Handle](#)  
(cartridge not included)

|   |  |
|---|--|
| <b>Nominal power</b>                    | 175W   |
| <b>Peak power (Tool)</b>                | 130W   |
| <b>Selectable temperature</b>           | 90 - 450 °C / 190 - 840 °F                       |
| <b>Idle temp. stability (still air)</b> | ±1.5 °C / ±3 °F (Meets and exceed IPC J-STD-001) |
| <b>Temperature accuracy</b>             | ±3 % (Using reference cartridge)                 |
| <b>Temp. adjustment</b>                 | ±50 °C / ±90 °F (Through station menu setting)   |
| <b>Tip-to-ground resistance</b>         | <2 ohms  |
| <b>Tip-to-ground voltage</b>            | <2 mV RMS  |
| <b>USB-B</b>                            | PC communications                                |
| <b>FAE / Robot connector</b>            | Remote control or FAE Fume Extractor connection  |
| <b>Earthing fuse</b>                    | F 1.25A  |
| <b>ESD safe</b>                         | Meet ANSI/ESD S20.20-2021                        |

## WEIGHT AND DIMENSIONS

|                     |  |
|---------------------|--|
| <b>Control Unit</b> | 170 x 176 x 145 mm / 2.74 kg.<br>6.69 x 6.93 x 5.71 in / 6.04 lb.  |
| <b>Package</b>      | 234 x 234 x 258 mm / 3.34 kg.<br>9.21 x 9.21 x 10.16 in / 7.36 lb. |

## Related



### CDEB

Soldering-Assistant Station



### CA

Manual-Feed Soldering Station



### ALE

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2-Tool Rework Station



DMSE

2-Tool Rework Station



DMPSE

4-Tool Rework Station



RMSE

Complete Rework System

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## CONNECTABLES

### Compatible tools



T210-A

Precision Handle



T210-PA

Blue Grip Precision Handle



T245-A

General Purpose Handle



T245-GA

General Purpose Handle with reinforced cable



T245-PA

Blue Grip General Purpose Handle

### Stands



0012994

Tool Holder for CDS, CDB &amp; CDEB Stations

### Accessories



CC1001

Cable Collector for Stands &amp; Compact Stations

### Consumables



CL7984

Wiper for Compact Stations



CL7882

Antisplash membrane



FAE1

Fume Extractor with FAE1100 for 1 Workbench

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FAE030

Collector Flange for Stand Aspiration Ducts



FAE060

Fume Aspiration Duct for Compact Stations

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