TECHNICAL DATA SHEET

# NANE 2-Tool Nano Soldering Station

**Control under a microscope** Designed for high-precision applications, this solution offers maximum control for microscope work. It provides all the advantages of **JBC Most Efficient Soldering System**

• Consistent solder joint quality with **JBC Intelligent Heat Management** , while Sleep & Hibernation Modes extend tip life up to five times.

• Complete Tip Cleaning System with an integrated wiper and brush.

• Cartridge Holder and Cartridge Exchanger for faster and **safer changes**

• Fume Extractor connection (RJ12) for a cleaner and safer work environment.

• Advanced connectivity for data download, traceability, remote control, and software updates.

• Includes two **NT115** Nano Handles, compatible with **C115** Cartridge Range for soldering precision.

• **HPTE0C9SA** High-Precision Tweezers with ESD Epoxy Coating, designed for secure handling of small components.




## REFERENCES

NANE-1D - 120 V
NANE-2D - 230 V
NANE-9D - 100 V

## PRODUCT COMPOSITION

1 - Instruction Manual
1 - NAE 2-Tool Nano Control Unit
2 - NT115 Nano Handle (cartridge not included)
1 - C115101 Conical
1 - C115103 Conical
2 - C115105 Conical Bent
1 - C115107 Conical
1 - C115112 Knife 2.5 x 0.3
2 - C115113 Chisel 1 x 0.3
1 - HPTE0C9SA High-Precision Tweezers

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## SPECIFICATIONS

| | |
|---|---|
| Output peak power | 14 W per tool |
| Temperature range | 90 - 450 °C / 190 - 840 ºF |
| Temperature accuracy | ±3% |
| ESD safe | Meets ANSI/ESD S20.20 |
| Equipotential bonding | Connection to EPA |
| Tip-to-ground resistance | < 2 ohms |
| Tip-to-ground voltage | < 2 mV RMS |
| USB-A | Firmware update<br>Graphics and profiles |
| USB-B | PC communications |
| FAE / Robot connector | Remote control or FAE Fume Extractor connection |
| Pedal connectors | 1 for each tool |

## WEIGHT AND DIMENSIONS

| | |
|---|---|
| Control Unit | 140 x 170 x 125 mm / 2.47 kg<br>5.51 x 6.69 x 4.92 in / 5.45 lb |
| Package | 240 x 295 x 305 mm / 3.96 kg<br>9.45 x 11.61 x 12.01 in / 8.73 lb |