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 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 5.51 x 6.69 x 4.92 in / 5.45 lb
Package	240 x 295 x 305 mm / 3.96 kg 9.45 x 11.61 x 12.01 in / 8.73 lb