

## 2 Tools Nano Rework station

### NASE

The best solution for soldering and rework of SMD components requiring the highest precision.

It works simultaneously with the [NT115-A Nano Handpiece](#) and the [AN115-A Steady Nano Tweezers](#).

The short distance from the tip to the handle offers maximum control even when using a microscope.

The NASE-C comes with the new [Dynamic Soldering Profiles](#).

The use of these profiles allows you to control the temperature of the component during all the phases of the soldering process, emulating the heating process in a reflow oven.

Its easy to use menu is configurable in 10 different languages: English, German, Spanish, French, Italian, Portuguese, Russian, Japanese, Korean and Chinese.

The NASE-C Rework Station works with the [C115 Cartridge Range](#).

100 V Ref. NASE-9C  
120 V Ref. NASE-1C  
230 V Ref. NASE-2C



### Specifications

#### Selectable parameters

Temperature	90 to 450 °C / 190 to 840 °F
Dynamic Soldering Profiles	Designed to avoid thermal shock when soldering Ceramic Chip components like MLCC,  this new and unique feature allows controlling the heating ramp up rate of the tool to gradually increase the temperature of the component through all the phases of the soldering process.
	Up to 25 fully configurable soldering profiles can be stored.

#### Special features

<a href="#">Sleep and Hibernation mode</a>	These modes lower soldering tip temperature when the tool rests in the
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### Product Packaging

Modular System	NAE with tip cleaning system
Tools	<a href="#">AN115-A</a> , <a href="#">NT115-A</a>
Cartridges	<a href="#">C115101</a> , <a href="#">C115103</a> , <a href="#">C115105</a> , <a href="#">C115107</a> , <a href="#">C115112</a> , <a href="#">C115113</a>

	stand in order to avoid oxidation and extending tip life.
Max. and min. temperature:	Limit the temperature range in which the operator is allowed to work.
Temperature levels	Instant selection of up to 3 editable temperature settings for solder joints with different heat requirement.
Soldering graphics	Real time visualization of tip temperature and power delivered to the solder joint during soldering process.
PIN protection	Keep station parameters protected against unauthorized access.
10 user interface languages	English, German, Spanish, French, Italian, Portuguese, Russian, Japanese, Korean, Chinese.
<b>Connectivity</b>	
USB-B (rear)	Software PC / Traceability
USB-A (front)	Firmware update Soldering Graphics management
Robot	RS-232 remote control or <a href="#">Smart Fume Extractor</a> connection.
Pedal ( 1 per tool)	Connect a pedal (ref.P-005) to control the tools. It allows using Nano tweezers for soldering.
<b>Equipotential bonding</b>	
<b>ESD/EOS</b>	
<b>ESD safe</b>	
Tip to ground resistance	< 2 ohms
Tip to ground voltage	< 2 mV RMS
<b>Power supply</b>	
Peak power	14 W per tool – 8.5 V
Voltage (AC)	ref. <b>NASE-1C</b> - 120 V
	ref. <b>NASE-2C</b> - 230 V
	ref. <b>NASE-9C</b> - 100 V
Ambient operating temp.	10 to 40 °C / 50 to 104 °F
<b>Dimensions and weight</b>	
Control Unit	170 x 90 x 135 mm / 2,50 kg
	6.7 x 3.5 x 5.3 in / 5.40 lb
Package	280 x 280 x 164 mm / 2,99 kg
	11.0 x 11.0 x 6.5 in / 6.59 lb

## Connectables

### Compatible tools

Nano Tweezers  
NP115-A



Adjustable Nano Tweezers  
AN115-A



Nano Handle  
NT115-A



## Connectables

### Accessories

Pedal  
P-005



Extension lead for Nano stations  
A1205



Grips for Nano Tools  
0016079



### Consumables

Metal Brush for NANO Stations  
CL2466



## Documentation

Manuals

NASE Manual

Exploded View

NASE-C Exploded View