



Intuitive operation by means of two buttons



Parameterization thru Micro SD card for of the i-CON Nano

Scope of Supply:

- Nano Power & Control Unit
- I-Tool Soldering Iron with tip
- Iron Holder
- Cleaning Sponge

The latest model of the i-CON product family, the i-CON NANO, satisfies all needs of today's industrial manufacturing requirements combined with lowest space requirement (footprint only 145x80mm) It is predestined for the continuous operation in the electronic production as well as for special applications in laboratories and development. Furthermore, it is also fully antistatic according to MIL-SPEC/ESA standards.

The i-CON NANO comes fully equipped with the i-TOOL NANO soldering iron. This ultra light & powerful iron uses exactly the same heating element technology as his larger brother, the Ersa i-TOOL. A wide range of cost effective soldering tips are available for both irons. Designed for continuous use in professional industrial companies, the new Ersa i-CON NANO also offers smaller companies a more budget-oriented solution for top-quality hand soldering applications.

Due to the i-CON NANO's simple and user-friendly operating concept, the factory settings provide for a variable adjustment of operating temperature as well as setting of stand-by time and calibration value.

Using the free-of-charge PC software and by an optional micro smart SD card further setting options like fixed temperatures, energy level, interlock and shutdown functions are available. The technological master plan of i-CON NANO assures that the optimal parameters are used for each application. Hereby the i-CON NANO stands for highest process stability and quality control with regard to low investment costs and operation expenses. Automatic stand-by and auto sleep functions provide for energy savings and longer tip life.

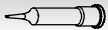





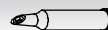
Features:

- Three fixed temperature settings
- Three selectable energy levels
- ESD safe to Mil/ESA standards
- 80 Watt ultra light & ergonomical i-TOOL NANO
- Large spectrum of low-cost & long-life soldering tips
- Stand-by and non-operative mode saves energy & tip life
- Password lockout function for increased process control
- Calibration function for exact tip temperatures
- Parameterization via simple PC software & micro SD card

Specifications:

Power rating	: 80 Watt (Max.)
Supply	: 230 Volt
Secondary voltage	: 16.5 Volt
Temperature range	: 150 - 450 °C
Heating time	: 9 seconds
Soldering tip design	: Long-life tip
Digital display	: yes
Weight	: 2 kg (approx.)

Standard Tips for i-CON NANO

	Description	Tip Size	Part Number
	Conical type	0.4mm	0102CDLF04
	Chisel type	1.2mm	0102CDLF12
	Chisel type	1.6mm	0102CDLF16
	Chisel type	2.4mm	0102CDLF24
	Chisel type	3.2mm	0102CDLF32
	Sloped type	4.0mm	0102ADLF40
	SMD type (with cavity)	2.3mm	0102WDLF23

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