

ERSA *i*-CON nano Soldering Station

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. It is predestined for the continuous operation in the electronic production as well as for special applications in laboratories and development.

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 the *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.



Smallest Footprint
only 145 mm x 80 mm!

i-CON nano

with *i*-Tool nano soldering iron
102 soldering tip series see page 36 / 37

Order no.	Description	Rating/ Voltage	Heating time	Temperature range	Weight (w/o cable)
01C1200A	<i>i</i> -CON nano soldering station complete with <i>i</i> -Tool nano soldering iron 0120CDK, with soldering tip 0102CDLF16 and holder 0A50 with dry sponge 0008M	max. 80 W / 230 V / 50 Hz, max. 80 W (350 °C)	approx. 9 s (350 °C)	150 °C - 450 °C	approx. 30 g
01C128	Micro SD card with <i>i</i> -CON nano software and card reader				

Small, strong & intelligent: the ERSA *i*-CON nano packs a punch!

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.

The *i*-CON nano comes fully equipped with the *i*-Tool nano soldering iron. This ultra light and powerful iron uses exactly the same heating element technology as his larger brother, the ERSA *i*-Tool.

Features and Options:

1. Small footprint (145 x 80 mm) – saves valuable workbench space
2. Fully antistatic according to MIL-SPEC/ESA standards
3. Three fixed temperature settings or continuous temperature setting from 150 °C up to 450 °C
4. Three selectable energy levels
5. Ultra light and ergonomically designed *i*-Tool nano with max. 80 W of power
6. Large spectrum of low-cost & long-life replaceable soldering tips
7. Automatic stand-by function and non-operative mode saves energy & tip life
8. Password lockout function for increased process control
9. Calibration function for exact tip temperatures
10. Complete system parameterization via simple PC software and micro SD card



i-Tool nano soldering iron



Micro SD card with SD card and USB adapter



i-CON nano software download:
www.ersa.com/nano