

TIP'N' TURN

Patented soldering tip technology

Tip exchange in record time and 20 % more power

The latest i-TOOL generation providing 20% more soldering power is one of the smallest and most powerful soldering irons in the market. It increases not only quality and productivity in hand soldering, but also reduces operating costs tremendously.

In contrast to cartridge tips, only the soldering tip is changed – quickly, easily and without any additional tool required. The expensive heating element remains in place which renders the i-TOOL tip technology sustainable both ecologically and

economically. A comprehensive range of standard and customized tips provides an unrivalled flexibility, even with difficult and unusual soldering jobs.

The high-performance heating element supplies 150 W of heat-ing power ensuring fastest heat-up and recovery so that the i-TOOL never runs out of energy, even during heat-intensive soldering. At the same time, at 30 g and a compact 150 mm overall length, it is very comfortable to hold.



New i-TIP tip series: Thermally optimized soldering tip design, fast tip change, QR code on each soldering tip, low overall cost.

Tip'n'Turn concept

Due to the patented Tip'n'Turn concept with its bayonet lock, tip exchange is effected within record time. Tips are exchanged with a simple turn either by hand or using tool holder 0A58. The i-TOOL MK2 handle remains cool and convinces also during permanent operation.

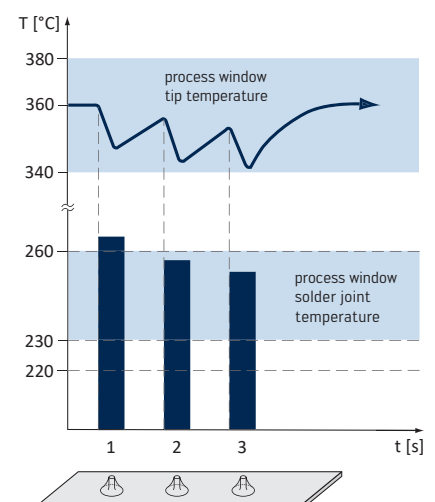
Process window and alarm

The i-TOOL MK2 recovers so fast that all solder joints can be made with nearly the same temperature. The sensor measures

the actual tip temperature very close to the tip extremity. The i-CON stations signal the operator if the temperature leaves the pre-set process window.

Automatic standby

As soon as the soldering tool is not used, the temperature drops to the set standby temperature after the preselected standby time.



Super fast tip change: by hand or using the 0A58 tool holder which is compatible with i-TOOL TRACE and all i-TOOL MK2 series soldering irons.

The new i-TOOL MK2 technology

now available for all i-CON stations

i-TOOL MK2 technology advantages at a glance



Fast heat-up/reheat
and up to 20 % more
heating power



Fast tip exchange
in record time
via Tip'n'Turn



Retrofittable to
preceding stations



Longer lifetime due to
standby sensor



Experience increased efficiency in hand soldering now
with the extremely lightweight and powerful soldering irons
i-TOOL MK2, i-TOOL PICO MK2 as well as i-TOOL NANO MK2
and i-TOOL TRACE.



One soldering tip series for all tools

The 142 soldering tip series offers an extensive
range of low-cost, long-life soldering tips (see
pages 46/47).



tip identification
by QR code

CHIP TOOL VARIO

The CHIP TOOL VARIO stands out by its high power (2 x 40 W) and its very compact design. Thus, it is perfectly suited for working on very small and delicate SMD components. The heating element pairs are plug-in components. They can be aligned exactly in the handle, and exchanging them is quick and easy. Furthermore, the operating mode of this precision tool can be set from self-closing mode to self-opening mode with an integrated switch. The CHIP TOOL VARIO is equipped with the proven and reliable motion sensor to activate it out of standby.



Desoldering tip pairs,
series 462 see page 52.

Technical data soldering & desoldering tools

Order no.	Description	Heating element	Rating/Voltage	Temperature range	Weight*
0135CDK	i-TOOL PICO MK2 soldering iron	014100J	80 W/16.5 V	150 - 450 °C	approx. 30 g
0125CDK	i-TOOL NANO MK2 soldering iron	016100J	80 W/16.5 V	150 - 450 °C	approx. 30 g
0105CDJ	i-TOOL MK2 soldering iron	016100J	150 W/24 V	50 - 450 °C	approx. 30 g
0140CDJ	i-TOOL TRACE soldering iron	014100J	150 W/24 V	50 - 450 °C	approx. 30 g
0460MDJ	CHIP TOOL VARIO desoldering tweezers	042100J	2 x 40 W/24 V	50 - 450 °C	approx. 30 g
0450MDJ	CHIP TOOL desoldering tweezers	042100J	2 x 20 W/24 V	150 - 450 °C	approx. 75 g

Possible combination of tools and i-CON stations see page 24

*without cable