

# i-CON 1 MK2 & i-CON 1V MK2

Professional soldering station for industry, test field and development



## Order information

Order no.	Description
01C1105A	i-CON 1 MK2 electronic station, compl., with i-TOOL MK2 soldering iron (0105CDJ), soldering tip 0142CDLF16 and holder 0A59 with dry sponge 0008M
11C1105A00A67	i-CON 1 MK2, 115 V-Version
01C1105A0C	i-CON 1C MK2 soldering station with interface, compl., with i-TOOL MK2 soldering iron (0105CDJ), soldering tip 0142CDLF16 and holder 0A59 with dry sponge 0008M



*i-CON 1 MK2 with i-TOOL MK2. Soldering tip series 142 see pages 46/47.*

The **i-CON 1 MK2** is the popular and proven "workhorse" for electronics production. It comes with the lightweight and ergonomic 150 W **i-TOOL MK2** soldering iron - the perfect tool for all SMD and PTH applications. The comprehensive 142 tip series enables the i-TOOL MK2 to be perfectly set for each job.

The digital i-CON 1 MK2 control station features the modern "One-Touch" operating concept with iOp Control and large, backlit plain text display. i-CON 1C and i-CON 1VC, the versions with interface, provide for the connection of an IR heating plate and a solder fume extraction system.



## Order information

Order no.	Description
01C1105V	i-CON 1V MK2 soldering and desoldering station, with i-TOOL MK2 soldering iron(0105CDJ) with soldering tip 0142CDLF16 and holder 0A59 with dry sponge 0008M
01C1105V0C	i-CON 1VC MK2 soldering and desoldering station with interface with i-TOOL MK2 soldering iron (0105CDJ), with tip 0142CDLF16 and holder 0A59 with dry sponge 0008M



*i-CON 1V with i-TOOL MK2 soldering iron. Soldering tip series 142 see pages 46/47.*

Optional desoldering tweezers CHIP TOOL VARIO



In addition to the **i-TOOL MK2**, the i-CON 1V MK2 can also be used to operate existing tools, such as the **POWER TOOL** soldering iron and **CHIP TOOL VARIO** desoldering tweezers. This provides the user with soldering tools for a wide range of soldering and desoldering applications.

# i-CON 2V MK2

Double channel soldering and desoldering station – a plus in flexibility for professionals



The double channel soldering and desoldering station **i-CON 2V MK2** is a consistent further development of the well-known i-CON 2 based on the future-oriented ErsA VARIO platform.

The station utilizes an intelligent power management to shift dynamically its power between the attached tools. i-CON 2V MK2, like all other i-CON stations, convinces by its intuitive one-touch operation and the large multi-functional display. It meets the ESD requirements and is available in a version with interface (i-CON 2VC) to connect a fume extraction unit, a heating plate and a PC. If required, the i-CON 2V MK2 can be updated like the i-CON VARIO stations with a microSD memory card and thus is prepared for future necessities.

## Order information

Order no.	Description
<b>0IC2205V</b>	i-CON 2V MK2 double channel soldering and desoldering station with i-TOOL MK2 soldering iron (0105CDJ) with thip 0142CDLF16 and holder 0A59 with dry sponge 0008M
<b>1IC2205V00A67</b>	i-CON 2V MK2 with i-TOOL MK2, 115 V version
<b>0IC2205VC</b>	i-CON 2V MK2 double channel soldering and desoldering station with i-TOOL MK2 soldering iron (0105CDJ) with tip 0142CDLF16, CHIP TOOL VARIO desoldering tweezers (0460MDJ) with thips 0462MDLF007, holders 0A59 and 0A54 with dry sponge 0008M
<b>0IC2205VIT</b>	i-CON 2V MK2 double channel soldering and desoldering station with 2 i-TOOL MK2 soldering irons (0105CDJ) with tip 0142CDLF16 and 2 holders 0A59 with dry sponge 0008M
<b>0IC2205V0C</b>	i-CON 2VC MK2 double channel soldering and desoldering station with interface, with i-TOOL MK2 (0105CDJ) soldering iron with tip 0142CDLF16, holder 0A59 with dry sponge 0008M

## Technical data i-CON 1 MK2/i-CON 1V MK2/i-CON 1VC MK2 and i-CON 2V MK2/ i-CON 2 VC MK2

Station	Rating/Voltage	115 V version	Temperature range
i-CON 1 MK2/i-CON 1C MK2	max. 150 W/230 V, 50 Hz	max. 150 W/115 V, 60 Hz	150 – 450 °C
i-CON 1V MK2/i-CON 1VC MK2	max. 80 W/230 V, 50 Hz	max. 150 W/115 V, 60 Hz	150 – 450 °C
i-CON 2V MK2/i-CON 2VC MK2	max. 150 W/230 V, 50 Hz	max. 150 W/115 V, 60 Hz	150 – 450 °C

## Technical data soldering & desoldering tools

Soldering iron	Rating/Voltage	Heating time	Weight*
i-TOOL MK2	150 W/24 V	approx. 9 s (350 °C)	approx. 30 g
CHIP TOOL VARIO	2 x 20 W (350 °C)/24 V	subject to tips	approx. 30 g

\*without cable