

Infrared Rework Heating Plate, 230 V, 800 W - Ersa 0IRHP100A-03

Item no. ER-0IRHP100A-03

Manufacturer Ersa

EAN 4003008084276

Infrared heating plate for preheating the underside of PCBs during manual soldering, desoldering and rework. Its powerful 800 W infrared technology lowers the required soldering iron temperature and protects assemblies. It is controlled directly from an i-CON1 C or i-CON2 C soldering station, with no separate control unit.

TECHNICAL DATA

Ausführungsklasse	TEC
Country of Manufacture	Germany
ESD equipment	ESD Lötstationen
Weight	0.1 kg



DESCRIPTION

The Ersa 0IRHP100A-03 infrared heating plate preheats the underside of printed circuit boards during manual soldering and desoldering and in rework. Its contactless, high-performance infrared technology lowers the required operating temperature of the soldering iron, internally heated SMD desoldering tweezers or desoldering iron - lower peak temperatures reduce the risk of board damage while significantly extending tip life.

The plate is controlled directly from an i-CON1 C or i-CON2 C soldering station (note the required interface connection), so no separate control unit is needed. The station can optionally drive further soldering tools such as the i-TOOL soldering iron (150 W), the internally heated CHIP TOOL SMD desoldering tweezers (2 x 30 W) or the X-TOOL (120 W). The large digital display and menu-guided operation of the i-CON C provide maximum process control in 10 languages.

FEATURES

- Contactless preheating of assemblies during lead-free hand soldering
- Preheating of SMD components
- Reflow soldering of single-sided populated boards
- Drying of pastes and adhesives
- Heating plate adjustable in six stages

APPLICATIONS

- Preheating of SMD components and assemblies

- Curing and drying of pastes, varnishes and adhesives
- Reflow soldering of single-sided populated boards
- Preheating of BGA components to avoid the popcorning effect
- Uniform BGA heating for reballing applications

TECHNICAL DATA

Heating technology	Infrared, contactless
Power	800 W
Voltage	230 V
Heating surface	125 x 125 mm
Control	Six stages
Operation	Via i-CON1 C or i-CON2 C soldering station