



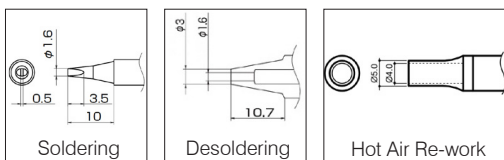
Description

The 7045 is an all-in-one industrial station with features that provide quality and process control across a wide range of soldering and re-work applications. The system has three simultaneously powered ports for soldering, de-soldering and hot air re-work. Additionally it has a built-in pump for vacuum and air flow so no external pressure source is required.

A clear easy to read LCD display provides a convenient user interface for setting adjustments and operation. The 7145 is supplied complete with soldering iron, desoldering tool, hot air pencil, accompanying workstands and tip tray. A solder tip and nozzles are supplied as standard, with extra pieces available upon request.

Features

- Soldering, desoldering and hot air rework system
- 3 simultaneous powered ports
- LCD display for set up and operation
- °C or °F configuration
- Manual or auto modes
- Built-in pump for vacuum and air flow
- Digital airflow indicator
- ESD safe
- Auto shut off with sleep function
- Supplied complete with tip and nozzles



Ordering Information

- 7145 Soldering, Desoldering and Re-work Station
7146 6 piece Solder Tip Set
7147 Benchtop Fume Extraction kit

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.

Technical Specifications

Station	
Output voltage	AC 24 V
Vacuum generator	Vacuum pump, cylinder type
Vacuum pressure	80 kPa (600 mmHg) (Max.)
Suction flow	14 L/min.
Air flow	6 L/min. (Max.)
Dimensions / Weight	W 162 × H 136 × D 245 mm / 6.2 kg

Soldering Iron (tip supplied 1.6 mm)	
Power consumption	70 W (24 V)
Temperature setting range	200 to 450 °C
Tip to ground resistance	< 2 Ω
Tip to ground potential	< 2 mV
Heating element	Composite heater
Total length / Cord length	Total: 188 mm (with tip) / Cord: 1.2 m
Weight	30 g (with tip)

Desoldering Tool (nozzle supplied 1.6 mm)	
Power consumption	70 W (24 V)
Temperature setting range	350 to 450 °C
Nozzle to ground resistance	< 2 Ω
Nozzle to ground potential	< 2 mV
Heating element	Composite heater
Total length / Cord length	Total: 180 mm (with nozzle) / Cord: 1.2 m
Weight	65 g (with nozzle)

Handpiece for hot air re-work (nozzle supplied 4mm)	
Power consumption	140 W (24 V)
Temperature setting range	100 to 550 °C
Nozzle to ground resistance	< 2 Ω
Nozzle to ground potential	< 2 mV
Heating element	Composite heater
Total length / Cord length	Total: 232 mm (with nozzle) / Cord: 1.2 m
Weight	50 g (with nozzle)