SOLDERING IRON

PCE-HAG 100



- **Temperature adjustable from 100 ... 450°C**
- **Linear air volume control with 1 ... 20 levels**
- **Brushless fan with smooth speed control**
- **Built-in magnetic sensor for detecting the setting angle**
- **Automatic sleep mode depending on the setting angle**
- **Enhanced cold air function in standby**
- **Colour display for real-time temperature status monitoring**

The soldering iron is an intelligent hot air blower for precise and controlled desoldering work. With the soldering iron, temperature and air volume can be set as required, allowing heat output and airflow to be optimally matched to the respective application. The brushless fan enables particularly even and smooth control of air speed.

The temperature of the soldering iron can be flexibly adjusted from 100 to 450°C, while the air volume can be linearly regulated in 20 levels from 1 to 20. This allows the hot air flow to be precisely matched to different components and work steps. The integrated LCD clearly displays the selected settings. A colour-coded display also provides real-time information about the current temperature status and makes monitoring during operation easier.

For convenient and safe handling, the soldering iron has an integrated magnetic sensor for detecting the setting angle. Depending on its position, the device automatically activates sleep mode. In standby, an enhanced cold air function is available, allowing the soldering iron and processed components to cool down quickly after desoldering. The cold air mode can also be used specifically for cooling during or after work.

The soldering iron is used in particular for precise desoldering and reworking of electronic components on circuit boards. It is suitable, for example, for removing and replacing SMD components, connectors, ICs and other electronic components.

Specification

General technical data	
Cable length	1,2 m
Units	°C, °F
Display type	LCD
Display size	1,54 Inch
Automatic power-off from...to	5 ... 15 min.
Flow rate	80 l/min
Performance	550 W
Temperature range	100 ... 450 °C
Menu language	English (GB), English, Chinese
Protection class (device)	IP42
Power supply	200 ... 240V AC | 50/60 Hz
Operating conditions	0 ... 50 °C , 10 ... 90 % RH
Storage conditions	0 ... 50 °C , 10 ... 90 % RH
Dimensions (L x W x H)	250 x 58 x 40 mm
Weight	390 g

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