SOLDERING IRON

PCE-HAG 100



- **Temperature adjustable from 100 ... 450°C / 212 ... 842°F**
- **Linear airflow control with 1 ... 20 levels**
- **Brushless fan with smooth speed control**
- **Built-in magnetic sensor for detecting the positioning angle**
- **Automatic sleep mode depending on the positioning angle**
- **Enhanced cool-air function in idle mode**
- **Color display for real-time temperature status monitoring**

The soldering iron is an Intelligent Hot Air Gun for precise and controlled desoldering work. With the soldering iron, temperature and airflow can be adjusted as needed, so heat output and air flow can be optimally matched to the respective application. The brushless fan enables particularly even and smooth airspeed control.

The temperature of the soldering iron can be flexibly set from 100 to 450°C / 212 ... 842°F, while the airflow can be linearly adjusted in 20 levels from 1 to 20. This allows the hot air stream to be precisely matched to different components and work steps. The integrated LCD clearly displays the selected settings. A color-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 features an integrated magnetic sensor for detecting the positioning angle. Depending on the position, the device automatically activates sleep mode. In idle mode, an enhanced cool-air function is available, allowing the hot air gun and processed components to cool down quickly after desoldering. The cool-air mode can also be used specifically for cooling during or after work.

The application area of the soldering iron is particularly 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 Typ	LCD
Display size	1,54 Inch
Automatic shutdown adjustable	5 ... 15 min.
Flow rate	80 L/min
Performance	550 W
Temperature range	100 ... 450 °C
Menu language	English (GB), English (US), 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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