SOLDERING IRON

PCE-ESI 150



- **Temperature range from 100 ... 450°C**
- **5 quick-select temperature levels**
- **Rapid heat-up in 7 s**
- **Fine temperature adjustment in 1°C increments**
- **3 precision tips for precision work**
- **Operating time approx. 1.5 h @350°C**
- **Built-in battery with 2600 mAh**
- **Intelligent auto-sleep and energy-saving system**

The soldering iron is designed for soldering work with precisely adjustable temperature and combines cordless operation with a power supply via USB-C. For small components and SMD soldering, the precision tips support targeted processing, while the rapid heat-up reduces waiting times before work begins.

The temperature can be quickly adjusted to recurring tasks using five quick-setting levels and can also be finely tuned in small increments. The wide temperature range covers a variety of soldering tasks. The tips have a core resistance of 2.10 Ω and are designed for precision work. With an output of 10 W, the soldering iron provides the heating performance required for these tasks.

For a continuous workflow, the device switches seamlessly between battery operation and USB-C power supply. The built-in 2600 mAh battery enables cordless use, while the wired and cordless dual mode allows you to choose the appropriate operating mode. An intelligent auto-sleep system and the energy-saving system support demand-based power use.

The soldering iron is particularly suitable for precision work on small components and for SMD soldering tasks. The combination of F210 precision tips, finely adjustable temperature and rapid heat-up supports controlled work steps on sensitive solder joints.

Specification

General technical data	
Units	°C, °F
Display type	IPS
Display size	0,96 Inch
Interface	USB-C
Warm-up time	7 s
Operating time	1,5 h
Operating time additional information	at 350°C continuous operation
Temperature range	100 ... 450 °C
Performance	10 W
Menu language	English (GB), English, Chinese
Protection class (device)	IP20
Power supply	5 V DC
Connector type	Euro plug
(Rechargeable) battery	1 x 3,7 V 18650 , Lithium-ion battery
Capacity	2600 mAh
Operating conditions	0 ... 50 °C , 0 ... 90 % RH
Storage conditions	0 ... 50 °C , 0 ... 90 % RH
Dimensions (L x W x H)	195 x 24 x 30 mm
Weight	140 g

PCE Instruments UK Ltd.
Chester Rd, Old Trafford Suite 1N-B, Trafford House, M32 0RS Manchester
Great Britain

Phone: +44 (0) 161 4649020
info@pce-instruments.co.uk