Miniware Smart Soldering Iron Welding Tool Kit

FIT0890

Description

DFRobot Miniware Smart Soldering Iron Welding Tool Kit is a smart soldering iron powered by USB type-C™ PD2.0/QC3.0 standard input. This iron welding tool kit takes 8 seconds to heat up from room temperature to 300°C. The smart soldering iron tip temperature can be adjusted at any time, and all operations can be done with one hand. This TS80P controller is made of aluminum alloy through CNC into a compact structure, ergonomic and high-tech design. The tool kit features a 100mm length tip, OLED display, USB type-C 0/ QC3.0 standard input, and is applicable in portable tools.

Features

- OLED screen and full-body CNC aluminum alloy casing
- USB type-C™ data/power interface
- Power increased from 18W to 30W maximum
- Only 8s to heat from room temperature to 300°C
- Easy-push tip fastener and one push to loosen tips
- Built-in smart chip for port protection
- Share same tips with TS80

Specifications

- 100°C to 400°C (Maximum) temperature range
- 9V 2A (QC 3.0)/12V 3A (PD2.0) input
- 30W maximum power
- ±3% temperature stability
- 96mm controller length and 100mm (60 + 40mm) tip
- 38g (Power adaptor not included) weight and 14g (B02 tip) tip
- CE and FCC certifications

Kit Contents

- 1 x TS80P controller
- 1 x Ground wire
- 1 x Soldering tip (B02)
- 1 x Type-C to C silicone cable
- 1 x PD2.0 power plug (US)
- 1 x Hex key

Kit Overview

Mouser Part Number

[View Part](#)

To learn more, visit https://www.mouser.com/new/dfrobot/dfrobot-welding-tool-kit/