Miniware MHP30 Mini Hot Plate Preheater

Product Overview
10/25/2022
For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

DFRobot Miniware MHP30 Mini Hot Plate Preheater is an ultra-mini smart constant temperature heating station with PD power input replacing the large desktop heating station. This station terminates redundancy, maintains a sufficient effective heating area, and minimizes energy consumption and heating time.

The MHP30 heating station is a portable tool with a square tower shape, a total height of only 5.2cm (2 inches), and a heating area of 3cm x 3cm. This compact preheater is highly-efficient and helps in preheating and desoldering applications. The MHP30 includes a LED screen that displays the current temperature of the heating element in real time to better control the heating temperature.

The MHP30 offers a maximum power of 60W and takes only 150 seconds to heat from room temperature (26°C) to 300°C. This preheater's body is made of brass with nano-ceramic coating, smooth on the surface, evenly heated, and can flexibly be separated and replaced. This MHP30 also has smart modes such as preset temperature, tilt protection, power wake-up, and automatic sleep and can be set to turn on or off according to functions.

Features

- Small and exquisite appearance
- High-efficiency heating area
- With a separable design
- Providing anti-slip and stable support
- Low energy consumption
- Minimal heating time
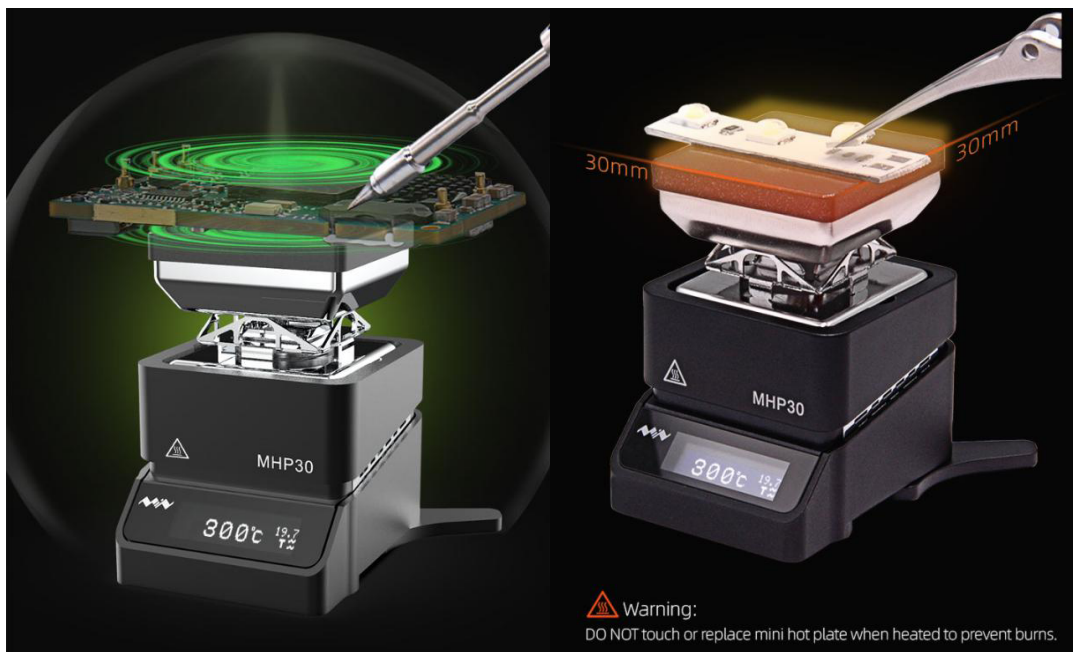- PD power input

Specifications

- BS30 heating element model
- 30mm x 30mm heating area
- 100°C to 350°C temperature range
- 3% temperature stability
- <2Ω ground resistance
- 60W (maximum) power
- PD protocol (20V maximum) power input
- 43mm x 35mm x 31mm controller dimensions
- 31mm x 31mm x 28mm heating element dimensions
- 82g weight

Shipping List

- 1 x MHP30 controller
- 1 x Mini hot plate (BS30)
- 1 x Type-C data cable
- 1 x PD power supply (American standard)
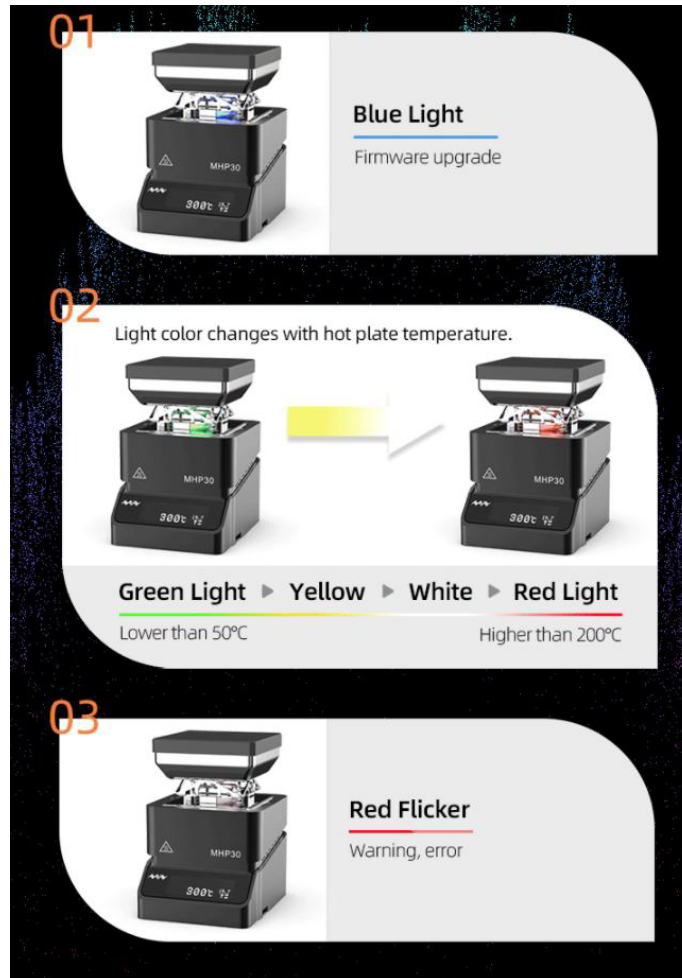- 1 x conversion plug (European standard)
- 1 x safety instruction

Usage Overview

Warning:
DO NOT touch or replace mini hot plate when heated to prevent burns.

Functioning

Mouser Part Number

View Part

To learn more, visit https://www.mouser.com/new/dfrobot/dfrobot-mhp30-preheater/