Weller®

WHP 200

Operating Instructions

WHP 200
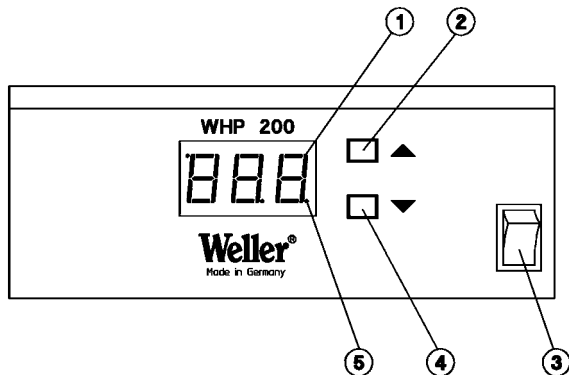
Weller®
Made in Germany

4D9R950
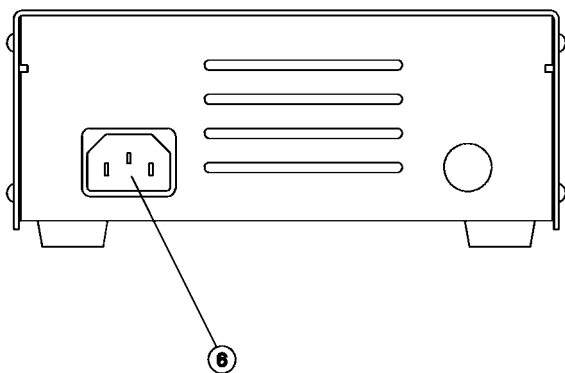
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1. Display (3-digit 7-segment display)
2. "UP" button
3. Mains switch
4. "DOWN" button
5. Optical indication of the state of regulation
6. Mains connection

WHP 200

Accessories

Easy fix board holder
Code No.: T0058757875

We thank for the confidence you have shown by purchasing the Weller Heating Plate WHP 200. During manufacture the strictest quality requirements are applied; these assure the correct function of the device and make it possible to obtain optimal soldering results.

⚠ 1. Attention!

Prior to placing the device in operation, please carefully read these operating instructions and the safety instructions enclosed. If the safety instructions are not observed, there is a risk of injury.

The manufacturer accepts no liability for usage other than that described in the operating instructions or for unauthorised modifications

The WELLER heating plate WHP 200 complies with the EU declaration of conformity as per the essential safety requirements in the directives 2004/108/EU and 2006/95/EU.

2. Description

The WHP 200 heating plate is equipped with a 200 W infrared high-temperature lamp and enables the user to pre-heat electronic assemblies in numerous ways. The high-temperature lamp supplies energy primarily in the wavelength range of 2 - 10 µm and heats modern tools quickly and efficiently. Digital regulation electronics ensure precise temperature behaviour.

Technical data

Dimensions:	165 x 195 x 70 mm
(W x L x H)	6,5 x 7,68 x 2,75 inch
Mains voltage:	230 V (120 V); 50 Hz (60 Hz)
Power:	Heating zone 200 W
Temperature range:	50°C - 400°C (150°F - 750°F)
Protection class:	1
Heating zone:	120 (4,72) x 60 (2,36) mm (inch)

3. Placing in operation

Remove all temperature sensitive and flammable objects from the vicinity of the heating plate. Ensure that the heating plate is switched off. Ensure that the mains voltage is correct. Connect the device to the mains (6). Switch on the device at the mains switch (3). When the device is switched on, a self-test is performed during which all display elements (1) are operated. The temperature set (setpoint) and the temperature scale (°C / °F) are then displayed briefly. The display then switches automatically to the indication of the actual value. The red dot on the display illuminates (5). This dot is a visual indication of the state of the regulation. Continuous illumination indicates the system is warming up.

Flashing indicates that the operating temperature has been reached.

3.1. Adjusting temperature

The digital display (1) normally indicates the actual temperature. The digital display (1) switches to the current setpoint when the "UP" or "DOWN" button (2)(4) is pressed. The setpoint (flashing indication) can now be changed as required by pressing or pressing and holding the "UP" or "DOWN" button (2)(4). If the button is pressed and held down, the setpoint changes quickly. Approx. 2 sec. after the button is released, the digital display (1) automatically switches back to the actual value.

3.2. Manual heating shut down (OFF)

The device heating is shut down by simultaneously pressing the "UP" and "DOWN" buttons. "Off" appears on the display (1).

4. Error indications on the display (1)

- - -   No temperature sensor detected
E10   Maximum housing temperature exceeded

5. Power-on routine

°C / °F change over

For this purpose the device is first switched off at the mains switch (3). Press DOWN button (4) and switch on the device. Keep button pressed until the "°F" appears on the display (1). When the "DOWN" button is released the setting is saved. Use the same procedure for the change over to "°C".
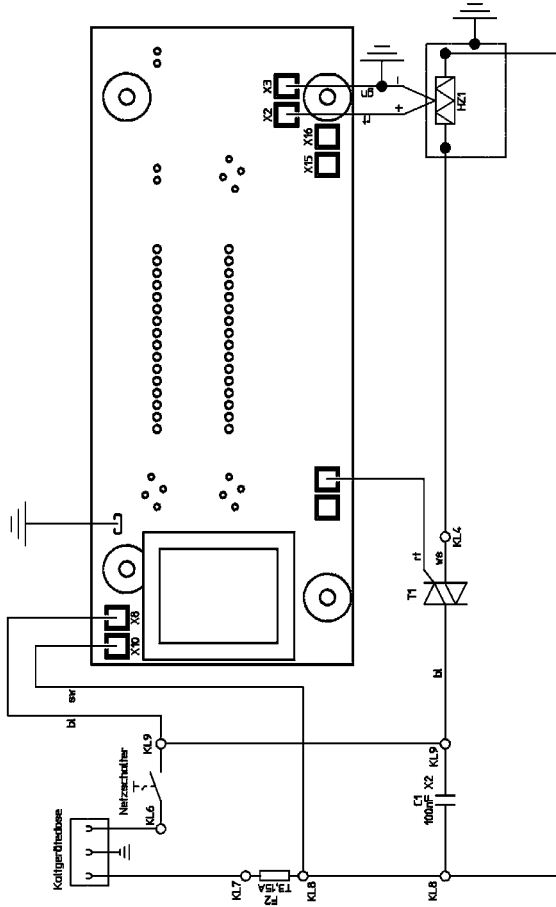
6. PCB holder

The PCB holder is secured to the housing upper section by the Heizone. For securing, removing or adjusting the PCB holder, release the knurled screws.

7. Items supplied

WHP 200 heating plate
Mains cable
PCB holder
Operating instructions
Safety information

Subject to technical change without notice!

Gesamtschaltplan WHP 200

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Learn more about soldering tools and components we have.