



Hot Plate **HPS / HPL**

**Bedienungsanleitung
Instructions for use
Mode d'emploi
Manuale d'istruzioni
Manual de instrucciones**

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EU Declaration of conformity

simatec ag

Stadthof 2, CH-3380 Wangen a. Aare, Switzerland

declares that the

Electric Hot Plate
simatherm Hot Plate Small (HPS) and Hot Plate Large (HPL)

is designed and manufactured in accordance with

Directive 2006/95/EC of the European Parliament and of the Council
relating to electrical equipment designed for use within certain voltage limits

Directive 2004/108/EC of the European Parliament and of the Council
relating to electromagnetic compatibility and repealing
Directive 89/336/EEC

Wangen a. Aare, 2013-02-01

Mischa Wyssmann
Managing Director / CEO

Safety recommendations

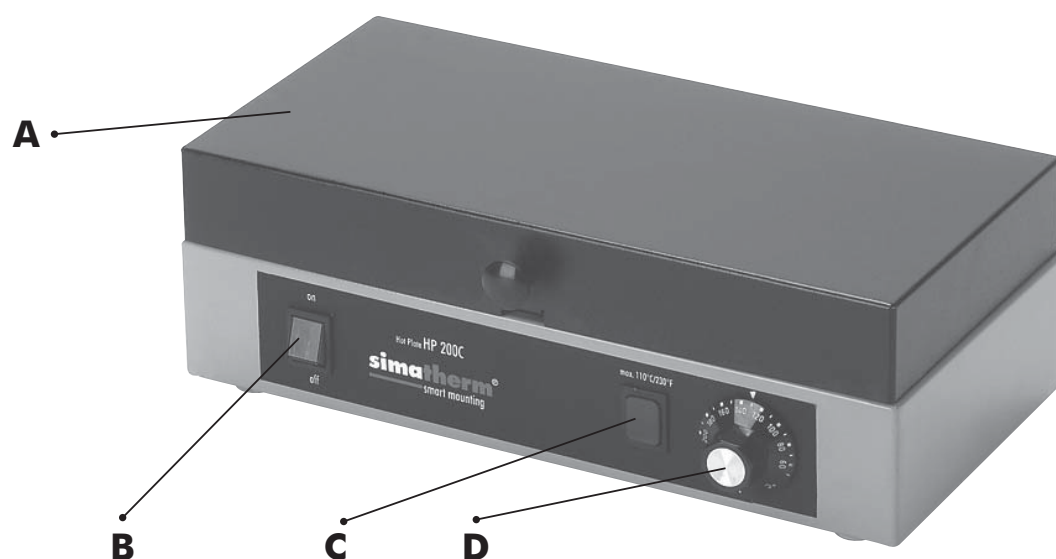
- The operating instructions should always be followed.
- Make sure the supply voltage is correct.
- Always make sure the Hot Plate is securely connected to earth.
- The Hot Plate should not be used in areas where there is a risk for explosion.
- Never enter the Hot Plate body via venting slots/holes.
- Do not expose the heater to high humidity.
- Never modify the heater.
- All repair work should be taken care of by an authorised simatherm partner.

1 Introduction

The simatherm electric hot plates, Hot Plate Small or Hot Plate Large, are intended for heating bearings and other machinery components prior to mounting. They are suitable for components with a weight of up to 4 kg (Hot Plate Small) or 10 kg (Hot Plate Large). The hot plates have a maximum temperature of 200°C (390°F) and are equipped with a lid for retaining the heat, at the same time dirt is prevented from entering.

2 Description

The simatherm electric hot plates consist of a heating plate housed in a metal casing with removable cover. The temperature is controlled by means of a thermostat.



- A:** Lid
- B:** Main switch
- C:** Heater indication lamp
- D:** Thermostat

2.1 Technical data

Hot Plate Small HPS

Voltage	220 – 240 V / 50 – 60 Hz 100 – 120 V / 50 – 60 Hz
Power 230 V	1000 W
Power 115 V	1000 W
Recommended fuse 230 V	5 A, slow blow type
Recommended fuse 115 V	10 A, slow blow type
Temperature range	50 – 200°C
Temperature accuracy	± 5°C
Plate dimensions (L x W)	380 x 180 mm
Height of lid	50 mm
Outside dimensions (L x W x H)	400 x 240 x 145 mm
Length of connection cable	2 m
Weight	5 kg
Designations	HPS 200°C/230 V (230 V execution) HPS 200°C/115 V (115 V execution)

Hot Plate Large HPL

Voltage	220 – 240 V / 50 – 60 Hz 100 – 120 V / 50 – 60 Hz
Power 230 V	2000 W
Power 115 V	2000 W
Recommended fuse 230 V	10 A, slow blow type
Recommended fuse 115 V	20 A, slow blow type
Temperature range	50 – 200°C
Temperature accuracy	± 5°C
Plate dimensions (L x W)	380 x 380 mm
Height of lid	70 mm
Outside dimensions (L x W x H)	400 x 400 x 165 mm
Length of connection cable	2 m
Weight	10 kg
Designations	HPL 200°C/230 V (230 V execution) HPL 200°C/115 V (115 V execution)

3 Operating instructions

- Make sure the voltage marked on the hot plate corresponds with the one available from the main supply.
- Connect the hot plate to the power supply. In certain countries the plug might need to be changed by a technician into a plug which fits the electrical socket.
- Set the thermostat to the required temperature.
Recommended temperature for bearings is 110°C (230°F).
- Turn the unit on by pressing the ON/OFF switch. Main pilot lamp will light up (green)
- The second pilot lamp (red) is lit while the hot plate is being heated but switches off as soon as the selected temperature has been reached.
- The temperature of the hot plate will remain within 10°C (18°F) of the selected value.

4 Spare parts

Designation	Description
HP-MS	Main switch (for Hot Plate Small and Hot Plate Large)
HP-IL	Heater indication lamp (for Hot Plate Small and Hot Plate Large)
HP-T	Thermostat 200°C (for Hot Plate Small and Hot Plate Large)
HPS-HP	Heating plate for Hot Plate Small
HPL-HP	Heating plate for Hot Plate Large
HPS-LI	Lid for Hot Plate Small
HPL-LI	Lid for Hot Plate Large

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simatec ag

Stadthof 2

3380 Wangen a. Aare

Switzerland

www.simatec.com

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