

PREHEATER MODULE PH4 FOR SSM 4A AND SSM 9

MACHINES

1.301



APPLICATION: THROUGH-HOLE

ZEVAC LINE: SSM

The complete product line documentation is composed of the following data sheets:

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| MACHINES | 1.107 |
| ACCESSORIES | 1.201 |
| OPTIONS | 1.301 |



PREHEATER MODULE PH4

For SSM 4A and SSM 9

The preheater module PH4 is required for the preheating of printed circuit board before starting the selective soldering process, especially for lead-free applications.

This reduces the delamination of copper from the printed circuit board, that means the contact time with the solder is brought to an absolute minimum.

The preheater PH4 with a IR radiation area of 300x300mm is a standalone unit and can be operated together with any SSM 4A or SSM 9 machine. With a thermal output of 3500W the preheater can also bring thick multilayer printed circuit boards to the needed temperature.

OPERATING MODE

The printed circuit board is moved manually over the preheater by means of the board support. A previously mounted thermocouple measures the surface temperature. When reaching the programmed temperature, an audible signal is enabled and the heating temperature is switched to the set temperature. After this the operator can move the printed circuit board over the selective soldering machine and start the selective soldering process.



PH4

- 1 Preheater
- 2 Thermocouple input
- 3 ON/OFF switch
- 4 Emergency button
- 5 ON/OFF switch audible
- 6 Setting of the preheater
- 7 Preheater temperature (operation/idle)

TECHNICAL DATA

| | |
|----------------------------------|--------------------|
| Product designation | PH4 |
| Preheating area | 300 x 300 mm |
| Heating principle | Infrared |
| Preheater temperature | 0 - 400° C |
| Max. power consumption | 3500 W |
| Power requirements | 230 V, 50 Hz |
| Dimension (L x W x H) | 415 x 324 x 280 mm |
| Weight | 16 kg |
| Technical data subject to change | |

PREHEATER MODULE PH4 WITH SSM 9**ZEVAC Distributor****ZEVAC**

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