







## **RMP 210**

250 x 350 mm gross 210 x 300 mm net > 12 tons working 175 °C (adjustable) 30 min. 60 min. approx.120 min. Machine size (WxDxH): 65 x 65 x 130 cm 130 kg net 230 V~, 50 Hz, 16 A

## **RMP 210 MULTILAYERPRESS**

This high performance multilayer press was designed for PCB labs to enable quick prototyping of multilayer PCBs according to industry standards.

Number of layers is only limited by the maximum lift of the press plates (38 mm). Using separating metal sheets one can press a couple of boards over each other at the same time.

A compact and floor standing aluminium rack contains all parts of the unit including pressure supply, press plates and heaters.

The large loading door allows quick and easy access to the press chamber and is of course security switch protected.

A compressor, which is integral part of RMP 210 is stored in the back of the machine.

In the front, you will find additional storage room for tools or boards (lower door).

The unit is controlled by two digital and adjustable thermostates, one digital timer as well as a pressure valve with pressure meter. Four strong air ventilators are activated automatically during cooling cycle.

## Steps of multilayer production with RMP 210:

- Boards are pinned and stack is inserted into press plates.
- Pressure is created.
- Heater is activated.
- Heating up procedure.
- Press procedure at preset temperature.
- Cooling down under pressure.
- PCB stack is taken out of the machine.



Board size:

Pressure:

Weight:

Temperature: Heating up:

Pressure time:

Cooling down:

Power supply:

The entire sequence will take approx. 3 hours if you start at 20°C and take out the pcbs at a temperature of 30°C. If you take up protective measures, you can remove the boards at higher temperatures and insert a new stack. This way the press cycle reduces to approx. 45 min. Gross size of the PCBs is 250 x 350 mm which corresponds to a PCB net size of 210 x 300 mm. To register the layers of your multilayer you can use the register hole function of our software IsoCam and the Bungard Favorit fixes the layers with rivets.









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