

Hydraulic Press for  
In-House Multilayer Production  
LPKF MultiPress S



# Easy-to-Use Press for Standard and RF Multilayers

The LPKF MultiPress S laminates multilayer circuits in rigid, flex-rigid and flexible PCB materials. It evenly distributes pressure across the entire laminating area with precision temperature and pressure process-control, for a uniform material bond. Special process profiles ensure RF materials are securely bonded. Efficient heat transmission creates short cool-down periods. The result – optimal process times.



- Laminates rigid and flexible materials
- Suitable for RF materials
- Pre-set and custom process profiles

## Custom Process Profiles

Process parameters can be programmed in the LCD display menu and stored as a profile.

## Uniform Pressure

The system is available with a manual hand pump or automatic hydraulic control unit.

### Technical specifications: LPKF MultiPress S <sup>1</sup> with automatic hydraulics

<b>Part no.</b>	120734 / 120736 <sup>1</sup>
<b>Max. layout size</b>	200 mm x 275 mm (7.8" x 10.8")
<b>Max. laminating area</b>	229 mm x 305 mm (9.0" x 12.0")
<b>Max. laminating pressure</b>	286 N/cm <sup>2</sup> at 229 x 305 mm (9.0" x 12.0")
<b>Max. temperature</b>	250 °C (480 °F)
<b>Max. number of layers</b>	8 (depending on material and layout)
<b>Pressing time</b>	Approx. 90 min <sup>a</sup>
<b>Dimensions (W x H x D)</b>	600 mm x 620 mm x 530 mm (23.6" x 24.4" x 20.9")
<b>Weight</b>	170 kg (375 lbs) <sup>b</sup>
<b>Power supply</b>	230 V, 50/60 Hz, 2.3 kW/2.8 kW <sup>1</sup>
<b>Microprocessor controlled</b>	9 pressure-/temperature-/time profiles
<b>Hydraulic unit dimensions (W x H x D)</b>	260 mm x 410 mm x 280 mm (10.4" x 16.2" x 11.0") 100 mm x 150 mm x 700 mm (3.9" x 5.9" x 27.6") <sup>1</sup>
<b>Hydraulic unit weight</b>	15 kg (33 lbs), 5 kg (11 lbs) <sup>1</sup>
<b>Base materials</b>	FR4, others upon request

<sup>a</sup> Depending on material compound

<sup>b</sup> Plus weight of hand pump or automatic hydraulics

Technical specifications subject to change.

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