

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 ¹ with automatic hydraulics

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

^a Depending on material compound

^b Plus weight of hand pump or automatic hydraulics

Technical specifications subject to change.

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