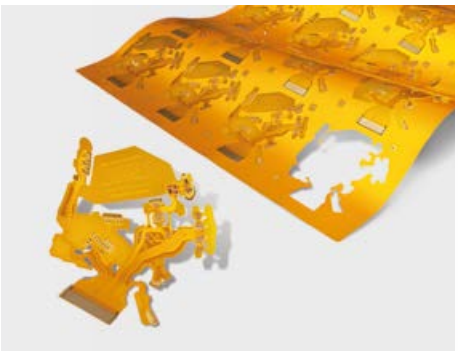
UV Laser for Depaneling of Rigid and Flexible PCBs

LPKF MicroLine 2000 P



LPKF
Laser & Electronics

Shorter Product Pipelines

Just click on the layout files instead of manufacturing expensive tools – that's how easy the LPKF MicroLine 2000 P can be employed to process different products. Users enjoy cutting edge competitive advantages thanks to the very high quality and flexible production planning. The MicroLine 2000 P systems are remarkably compact, easy to operate, with a very good price performance ratio – a welcome addition to the electronic production team.

Technical Data: LPKF MicroLine 2000 P

Laser class	1
Max. working area (X x Y x Z)	350 mm x 350 mm x 11 mm (13.8" x 13.8" x 0.4")
Max. recognition area (X x Y)	300 mm x 300 mm (11.8" x 11.8")
Max. Material Size	350 mm x 350 mm (13.7" x 13.7")
Data input formats	Gerber, X-Gerber, DXF, HPGL, Sieb & Meier, Excellon, ODB ++
Max. structuring speed	Depends on application
Positioning accuracy	± 25 µm (1 mil)
Diameter of focussed laser beam	20 µm (0.8 mil)
Laser wavelength	355 nm
System dimensions (W x H x D)	875 mm x 1530 mm x 1300 mm (34.5" x 60.2" x 51.2")*
Weight	~ 450 kg (990 lbs)
Operating conditions	
Power supply	230 VAC, 50 – 60 Hz, 3 kVA
Cooling	Air-cooled (internal water-air cooling)
Ambient temperature	22 °C ± 2 °C @ ± 25 µm / 22 °C ± 6 °C @ ± 50 µm (71.6 °F ± 3.6 °F @ 1 Mil / 71.6 °F ± 10.8 °F @ 2 Mil)
Humidity	< 60 % (non-condensing)
Required accessoires	Exhaust unit

* Height incl. StatusLight = 2020 mm (79.5")

MicroLine 2000 P systems feature multiple variations: MicroLine 2120 P (10 watt laser source), MicroLine 2820 P (15 watt laser source) and MicroLine 2920 P (18 watt laser source).

Worldwide (LPKF Headquarters)
LPKF Laser & Electronics AG Osteriede 7 30827 Garbsen Germany
Phone +49 (5131) 7095-0 info@lpkf.com www.lpkf.com

North / Central America
LPKF Laser & Electronics North America
Phone +1 (503) 454-4200 sales@lpkfusa.com www.lpkfusa.com

China
LPKF Tianjin Co., Ltd.
Phone +86 (22) 2378-5318 sales.china@lpkf.com www.lpkf.com

Hong Kong
LPKF Laser & Electronics (Hong Kong) Ltd.
Phone +852-2545-4005 hongkong@lpkf.com www.lpkf.com

Japan
LPKF Laser & Electronics K.K. Japan
Phone +81 (0) 3 5439 5906 info.japan@lpkf.com www.lpkf.com

South Korea
LPKF Laser & Electronics Korea Ltd.
Phone +82 (31) 689 3660 info.korea@lpkf.com www.lpkf.com

LPKF Laser & Electronics AG sells and markets products and provides support in more than 50 countries. Find your local representative at www.lpkf.com.

Made in Germany

© LPKF Laser & Electronics AG, LPKF reserves the right to modify the specifications and other product information without giving notice. Systems and products supplied by LPKF and its subsidiaries are covered by valid or pending US and other foreign patents. Product names are only used for identification and could be trademarks or registered brand names of the companies involved.

www.jenko-sternberg.de

Photos may also show optional accessories.

LPKF AG, 10050719-240816-EN