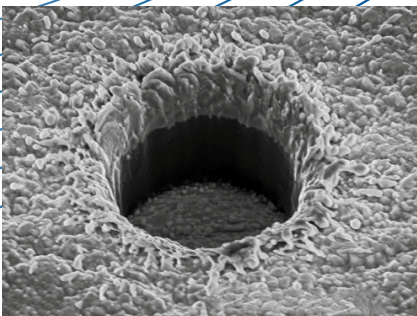
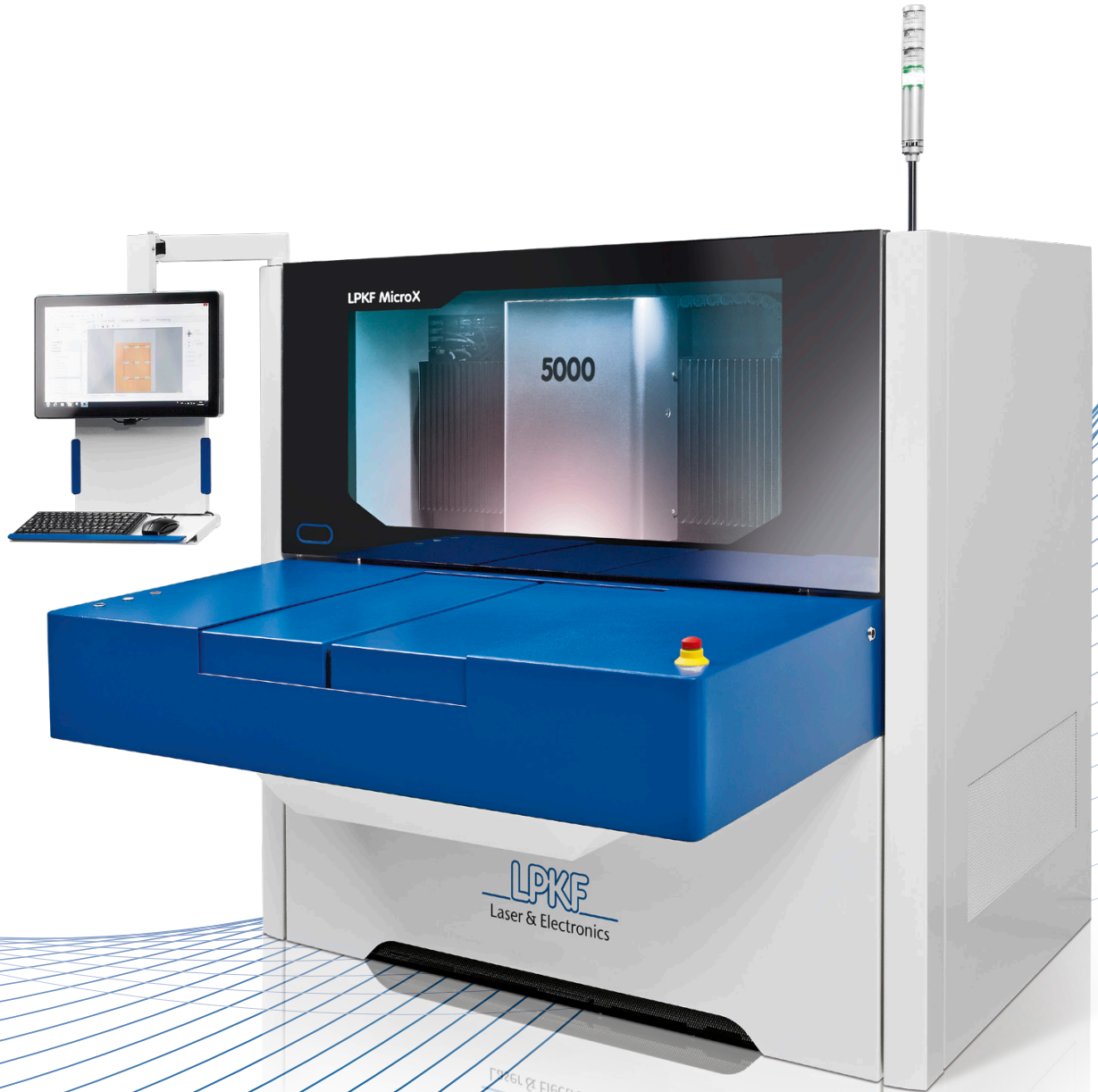


State of the Art Laser Cutting and Drilling of PCBs

LPKF MicroX 5000 Series



The Solution for Laser Drilling and Cutting in the Flex- and Rigid-PCB Industry

The LPKF MicroX 5000 platform addresses the demanding requirements of the blind and through-hole via drilling. Outstanding quality processing and high performance in combination with intelligent service concepts lead to high first-pass yield and low total cost of ownership.

The system can be operated manually or automatically with maximum reel width of 530 mm. Additional processing modes include cutting, ablation and pocketing of a wide range of materials for PCB manufacturing. These features enable a multitude of applications for the latest high-end PCB technology.

Technical Data: LPKF MicroX 5000

Laser (class 1)	Power 27 W, wavelength 355 nm, pulse duration < 25 ns
Working area (X x Y x Z)	533 mm x 610 mm x 11 mm (21" x 24" x 0.43")
Operation modes	Manual, reel-to-reel; max. reel width: 530 mm (20.86")
Positioning accuracy	± 20 µm (0.8 mil) @ 22 °C ± 2 °C (71.6 °F ± 3.6 °F)
Diameter of focused laser beam	20 µm (0.8 mil)
System dimensions (W x H x D), weight	1660 mm x 1720 mm x 1900 mm (66" x 68" x 75")*; ~ 2000 kg (~ 4400 lbs)
Operating conditions	
Facility requirements	400 VAC, 50–60 Hz, 6.5 kVA, 16 A, 3-phases, 0.6 MPa (87 PSI), 130 l/min
Required accessories	Exhaust unit
Optional accessories	Reel-to-reel automation

* Height incl. status light = 2200 mm (87")

MicroX 5000 systems feature: MicroX 5127 (27 Watt laser source)



LPKF Service & Support

LPKF provides worldwide premium customer support. Learn more: www.lpkf.com/support



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Made in Germany