

PACKAGING & ASSEMBLY

Advanced Research Inkjet Printer (printing of functional materials)

Manufacturer: Meyer Burger

Model: PiXDRO LP50



General Description:

The PiXDRO LP50 is the most advanced R&D inkjet printing platform for functional printing applications. It is designed for research and development of inkjet processes and applications as well as evaluation and development of inkjet materials. The LP50 platform is an open, accurate, flexible and easy to use printing system that will allow you to work at the frontiers of state-of-the-art inkjet printing technology. The LP50 has a modular design and can be configured for a wide range of applications such as printed electronics, photovoltaics, OLEDs, bio-medical, etc.

Key Specifications:

- Substrate table: 210x300 mm
- Substrate table heating: up to 90 °C
- 5 axis motion
- Overall system accuracy: 5 µm (3 sigma)
- Integrated UV LED curing
- Pre-stage for plasma curing
- Compatible with several industrial print-heads: Fujifilm Dimatix, Konica Minolta, Xaar, OCE.

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| Availability | Use allowed for all researchers with permission |
| Location | Cleanroom Class 8 Europastraße 12 9524 Villach |
| Responsibles / Contact | Dr. Matic Krivec, Dr. Ali Roshanghias Tel.:+43 4242 56300 273 |