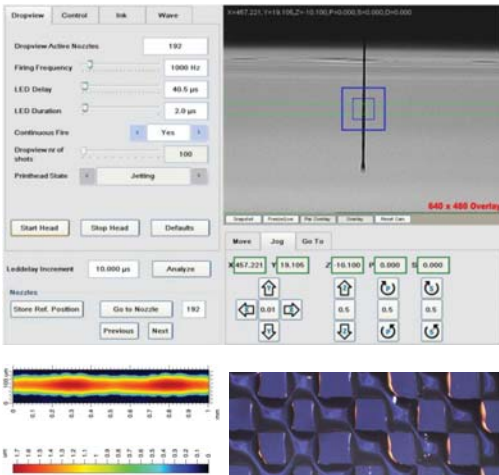


2.5D INKJET MATERIALS PRINTER

PIXDRO LP50

ADVANCED RESEARCH INKJET PRINTER

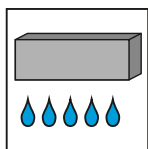
- High precision printing platform
- Easy, fast, accurate printhead change
- Chemical resistant ink header tank
- Integrated print vision camera
- Drop vision for parameter screening
- Free programmable recipes
- Precision alignment system
- Heated tray and printhead
- Single and double printhead mount
- Auto maintenance: wiping, purging, vacuum



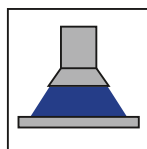
TECHNICAL SPECIFICATIONS

Printheads:	Dimatix Spectra, Ricoh, Konica Minolta, Trident, Xaar
Table:	210 x 300 mm, heated (50 °C)
5 axis motion:	x, y, z, φ printhead, φ table
Overall accuracy:	5 μm (3σ)
Viscosity range:	1 - 10 mPa·s
Ink temperature:	RT - 90 °C
Nozzle range:	1 - 1000 nozzles
Drop volume range:	4 - 200 pl
Feature size:	5 - 50 μm (according to printhead)
Printing speed:	X 200 mm/s, Y 400 mm/s
Curing Unit:	395 nm, 240 mW, 10 mm spot-size

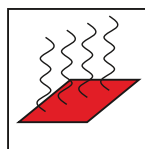
SPECIAL FEATURES



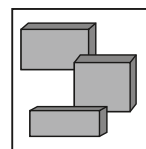
Dropview
Parameter
Screening



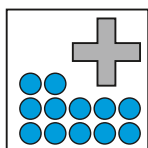
Curing
Unit



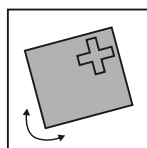
Heated
Tray



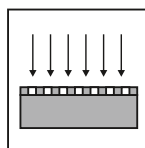
Different
Printheads



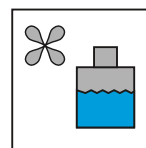
Printview
Control



Automated
Alignment



Vacuum
Table



Waste &
Solvent
Treatment