



**Up to 2x more
Imaging Power**



**Full area high
Resolution scaling**



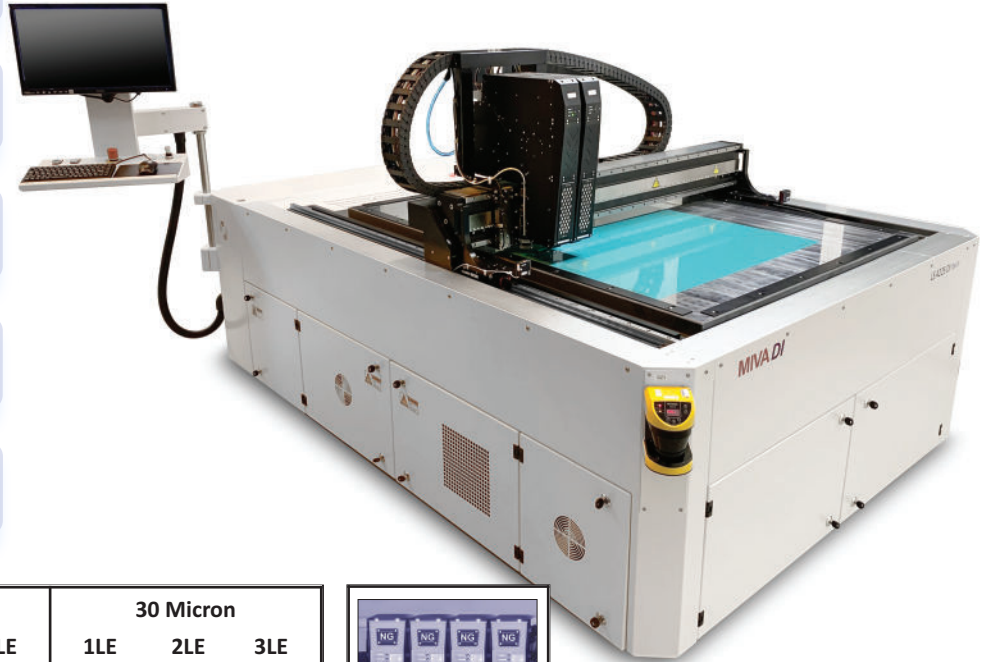
**DART Yield
Improvement tool**



**XXL Image area
30" x 60" or 42" x 60"**



**Bespoke Custom
Build on request**



APPLICATION	15 Micron			30 Micron		
	1LE	2LE	3LE	1LE	2LE	3LE
Inner Layer	22	34	46	34	50	63
Outer Layer	20	31	42	23	39	50
Soldermask	9	15	21	10	17	23



Up to 4 photoheads
maximum

Note 1: All values include imaging both sides, load and unload times, 18" x 24" [457 x 610mm]

Note 2: All values assume high speed resist types, other resists available upon request.

Note 3: All values are panels/hour.

Max image size:	30" x 60" (762mm x 1524mm) or 42" x 60" (1067mm x 1524mm)
Media sizes from:	2" x 2" (50mm x 50mm)
Minimum structure:	15µm or 30µm
Machine positional accuracy Over 18"x24" @21°C +/- 1°C	absolute: ± 0.4 mil / 9 µm repeatability: ± 0.2 mil / 4 µm
Physical size:	H: 69"/175cm, W: 59"/150cm D: 100"/254cm; Weight: 2325 kg
Power requirement:	400-480 VAC, 50/60 Hz, 5.5 kW (900 W when idle!)
Compressed air:	Integrated gas filtering system for 120 L/min @ 6 bar or air compressor optional
Technology:	DMD Raster Image Projection Technology / Solid state UV light sources
Environment:	Dependent on resist/emulsion sensitivity – yellow or red safe light conditions recommended for loading panels or other media
Recommended temperature/humidity:	21°C 50% RH
Media:	Resist coated panels, UV films, solder mask, red sensitive or orthochromatic phototooling films or masks up to 20mm thick
User dialogue:	Simple instructions for programming and operation by keyboard or remote control
Communications:	Local area network, Removable media.
Protocol emulations:	Gerber RS 274-X, PostScript, TIFF, others on request
User interface:	xDI Multihead control program (Windows compatible)
Panel registration:	Inbuilt coaxial registration camera

MIVA 3000L

Direct Imager

Next Generation Series

MIVA Technologies GmbH
Benzstrasse 17
71101 Schönaich
Germany

Telephone: +49 (0) 7031 75600
Telefax: +49 (0) 7031 756030
E-mail: info@mivatec.com
Internet: www.mivatec.com



Direct Imaging Systems MADE IN GERMANY

© 2022 mivatec.com

© 2022 MIVA Technologies GmbH



MIVA Technologies GmbH
Benzstrasse 17
71101 Schönaich
Germany

Telephone: +49 (0) 7031 75600
Telefax: +49 (0) 7031 756030
E-mail: info@mivatec.com
Internet: www.mivatec.com