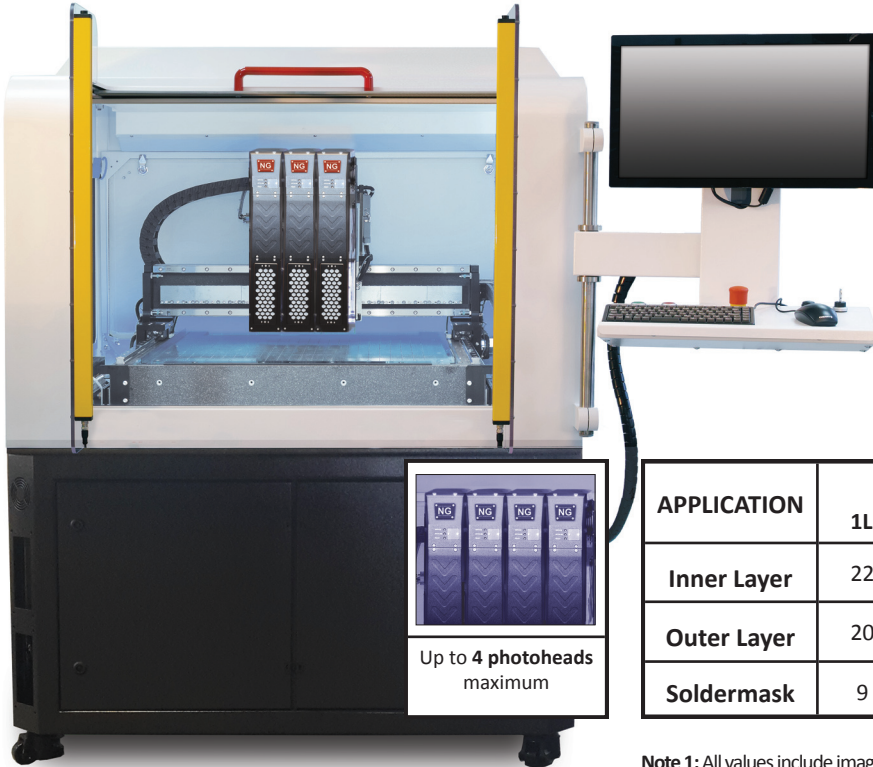


Next Generation Direct Imaging

MIVA 2200L DI Series



**Up to 2x more
Imaging Power**



**Full area high
resolution scaling**



**DART Yield
Improvement tool**

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

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:	24" x 30" (610mm x 762mm)
Media sizes from:	2" x 2" (50mm x 50mm)
Minimum structure:	30µm or 15µm (higher resolutions on request)
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: 77" / 195 cm, W: 52" / 132 cm, D: 67" / 170 cm; Weight: 980 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:	Optical (camera) registration system, 22" x 30" fiducial capture area, +12µm

MIVA 2200L

Direct Imager

Next Generation Series

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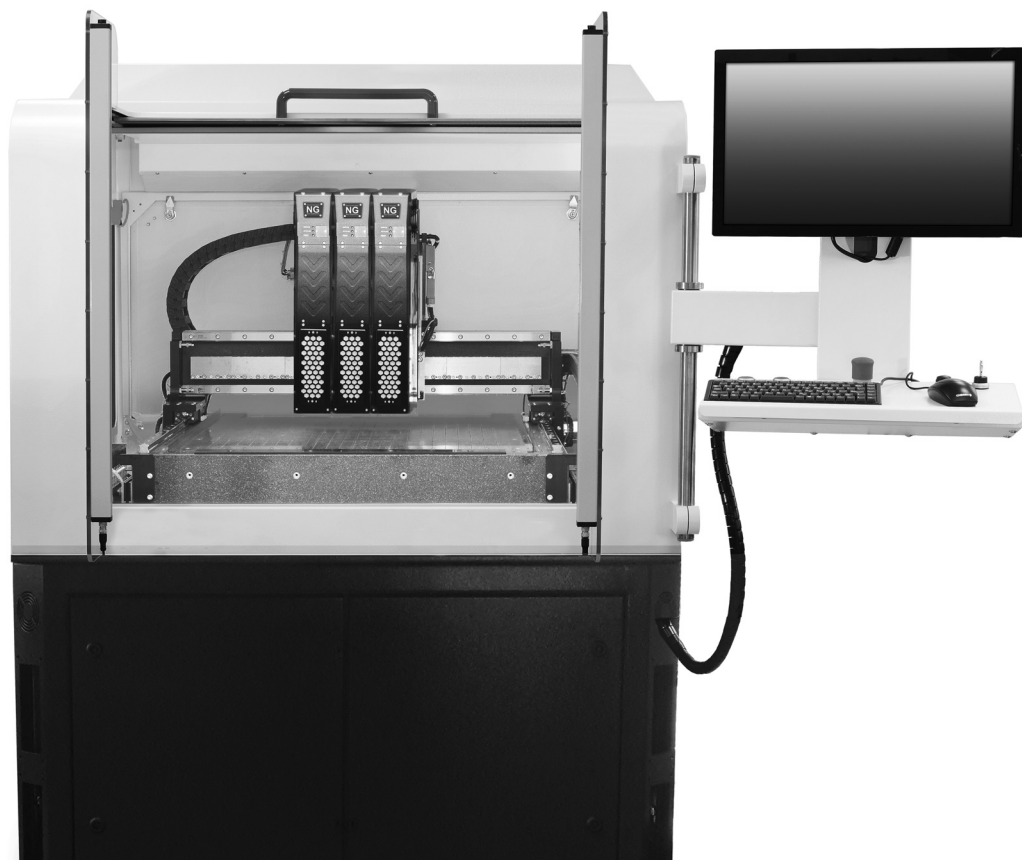


Flatbed Imaging Systems

MADE IN GERMANY

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