

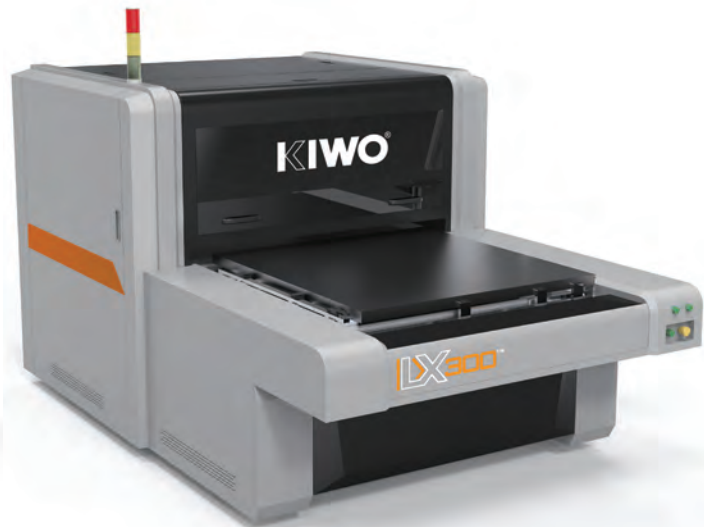
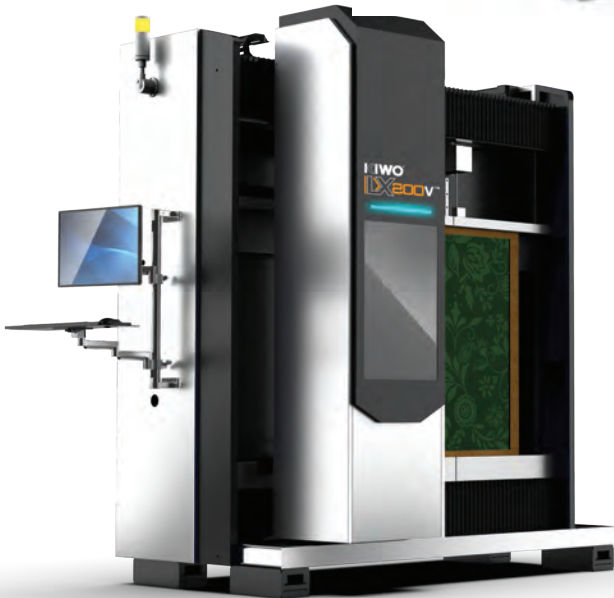
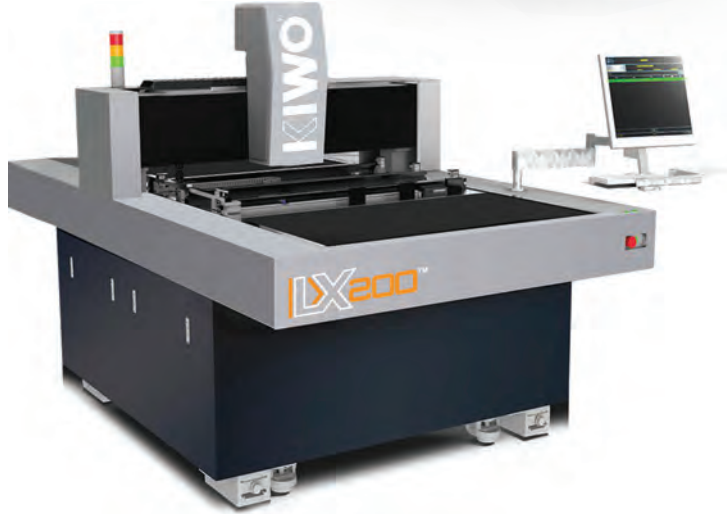
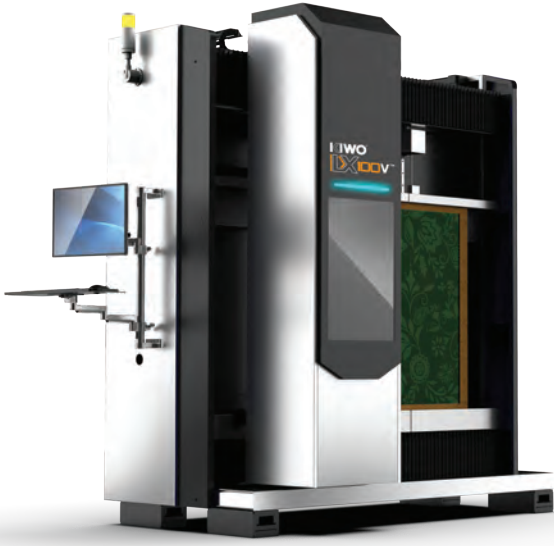


KIWO LX SERIES

Computer-to-Screen Systems

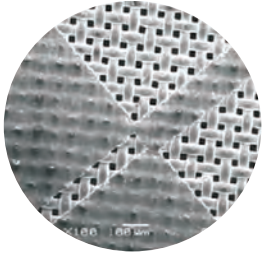


LX SERIES RANGE

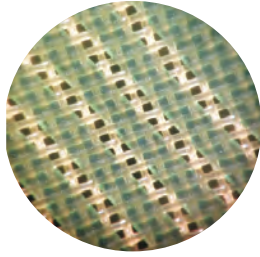


HIGH RESOLUTION

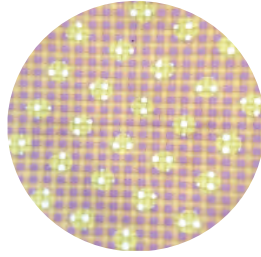
The highest image quality is achievable with 1270 DPI and optional 2540 DPI optical resolutions.
Line widths of 50 micron are possible.



2540dpi



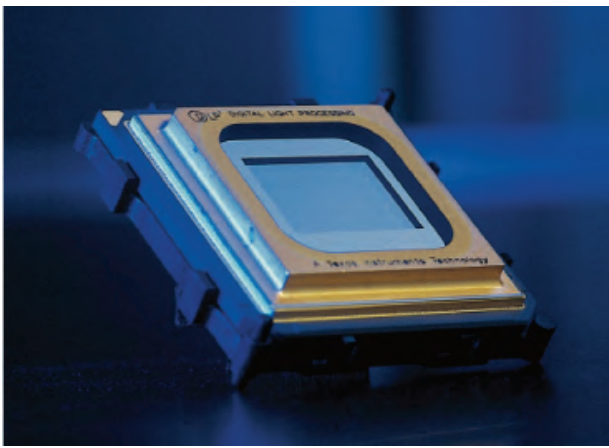
50-micron positive line
on 120pw34(300/in)



5% halftone dots at 120lp
on 150pw31(380/in)



Four-color picture

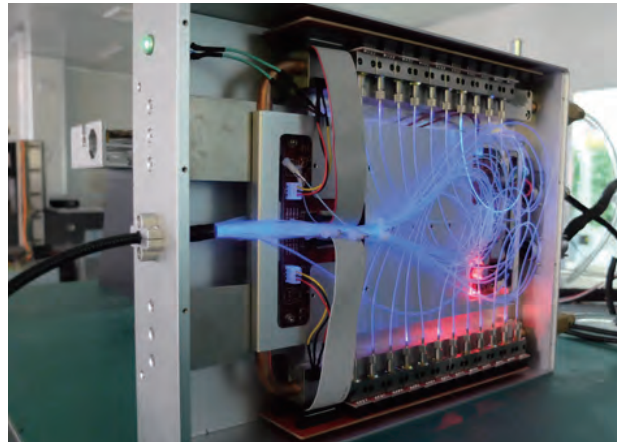


DIGITAL IMAGING TECHNOLOGY

Digital images are produced by a DMD (digital micro-mirror device) which has over 2 million micro-mirrors, enabling clear and sharp images. This digital screen technology is the industry standard for CtS technology.

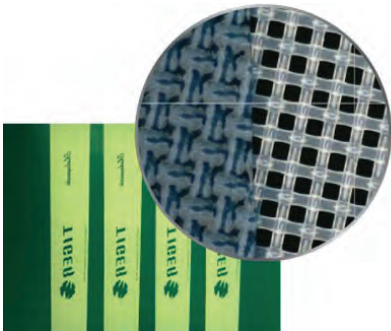
HIGH OUTPUT LASER LIGHT SOURCE

Light source generated from multiple high energy 405nm lasers. Curing of high EOM emulsions and diazo emulsions are possible.

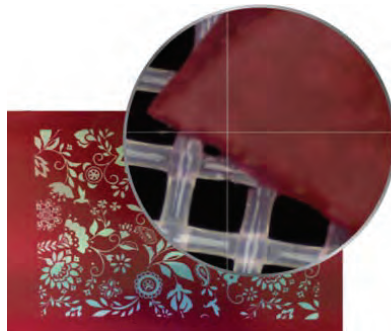


KIWO & ULANO EMULSIONS

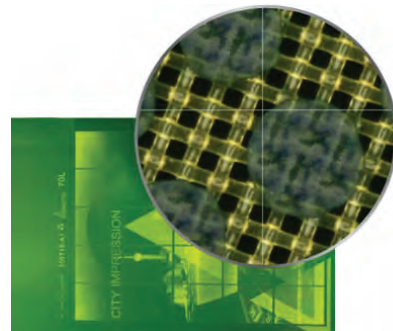
Paired with KIWO & Ulano screen emulsions, CtS technology creates the highest level of image results.



Ulano LX 660 Blue



Ulano QTX Pink



Ulano LX 660 Blue

KIWO LX SERIES

Comparison Chart

Specification / Model	KIWO LX100S	KIWO LX100L	KIWO LX100V	KIWO LX200	KIWO LX200V	KIWO LX300
Application	Textile, Decal, Label, Decoration, Packaging and PCB etc.					
Max screen size (in)	900 x 1100 mm (35' x 39')	1200 x 1300 mm (35' x 39')	900 x 1000 mm (35' x 39')	1080 x 1200 mm (42' x 47')	1200 x 1300 mm (47' x 51')	1200 x 1800 mm (47' x 71')
Min screen size (in)	400 x 400 mm (15" x 15")	400 x 400 mm (15" x 15")	400 x 400 mm (15" x 15")	400 x 400 mm (15" x 15")	400 x 250 mm (15" x 9")	400 x 400 mm (15" x 15")
Max exposure size (in)	850 x 950 mm (33' x 37')	1100 x 1250 mm (43' x 49')	850 x 950 mm (33' x 37')	900 x 1000 mm (35' x 39')	1100 x 1200 mm (43' x 47')	1100 x 1250 mm (43' x 49')
Screen frame thickness (custom sizes are available)	25 - 45 mm (1" - 1.75")	25 - 45 mm (1" - 1.75")	20 - 40 mm (0.8" - 1.5")	25 - 45 mm (1" - 1.75")	20 - 50 mm (0.8" - 1.96")	25 - 45 mm (1" - 1.75")
Imaging System	DMD DLP Technology					
Emulsion thickness (EOM)	Solvent resistant emulsion 3µm - 150µm, water resistant emulsion 3µm - 220µm					
Exposure Time	120 - 240s/ m ² , #350 yellow mesh					
Resolution	1270/2540 dpi (Optional)					
Raster	Up to 133LPI					
Focus system	Dynamic focusing	Dynamic focusing	Dynamic focusing	Dynamic focusing	Dynamic focusing	Dynamic focusing
File format	1_bit tiff					
Laser type	UV laser, wavelength 405±5nm					
Laser power	20W/25W(Optional)					
Equipment size (in)	1740 x 1500 x 1480 mm (68' x 59' x 58')	1960 x 1800 x 1500 mm (77' x 70' x 59')	1650 x 971 x 1840 mm (65' x 38' x 72')	2710 x 1560 x 1560 mm (107' x 61' x 61')	1900 x 1417 x 2300 mm (75' x 56' x 91')	2950 x 1980 x 1710 mm (116' x 78' x 67')
Equipment net weight (lbs)	1200 KG (2640 lbs)	1500 KG (3307 lbs)	1000 KG (2200 lbs)	2250 KG (4960 lbs)	1400 KG (3080 lbs)	3450 KG (7606 lbs)
Recommended Conditions	Yellow light room with dust free conditions, temperature 65 - 75 ±2°F, 40-70% relative humidity (No condensation)					
Power	Single phase 110v/220v, 50/60HZ, 3KW, air 1L/min					

Additional KIWO Products

Emulsions

- Diazo
- Diazo-photopolymer
- SBQ
- SBQ-photopolymer

Chemicals

- Degreasers
- Stencil removers
- Haze removers
- Ink washes
- On-press cleaners/
Press washes

Frame Adhesives

Adhesives

- Solvent-based
- UV-curing
- Water-based

KIWO
ONLINE

