

AURORA & 2500/5100

PIEZO-UV Curable Inks

The “Print on Anything” Inkjet

Print crisp, vibrant, high quality images and text on virtually any substrate.

Equipped with Renoir UV curable inks, this state of the art system is perfect for imaging onto the widest variety of substrates including coated paper, plastics and even metal, all at high speeds.

Dry time and versatility aren't very useful without exceptional print quality. The Aurora UV inkjet system produces sharp, crisp, dark images at resolutions up to 660 DPI without the use of volatile and harmful chemicals found in other inks.

Buskro's BK750 UV curing station completes the solution. Built in security features and UV light shielding have been incorporated to provide the highest level of safety for users and our unique design allows for quick and easy lamp repositioning to optimize curing conditions.

Impress customers with amazing, durable impressions at predictably high production speeds!

Models	1250	2250	3250
Print swath	1" (25mm)	2" (51mm)	3" (76mm)
Vertical DPI	256/320	256/320	256
Horizontal DPI	110, 220, 330, 440, 660		
Print technology	Piezo DOD; 30 ng and 80 ng drop; 35 KHz		
Ink chemistry	UV Curable; Renoir (1 L bottle)		
Ink delivery	2 or 4-channel pumped; level sensing		
Substrates	Wide variety, including porous, glossy, plastics, metal (UV curing lamps required)		
Features	Versatile; reliable; rugged; high speed		
Speed	260 FPM (660 DPI) to 1,300 FPM (110 DPI)		

Discover the new leading standard in inkjet technology!

Productivity with speed and flexibility

Enjoy expanded print freedom and produce ever-larger continuous print images with the new 2500/5100 series array printheads, available in varying print resolutions of 200, 300 or 400 DPI.

Choose from the entry-level BK705 or high-end BK1710 inkjet controllers. Combine one or more of these printheads to specify a print system that is right for your budget and meets your printing needs.

Capable of up to 20" of vertical print in one controller, handling even the most demanding jobs at speeds up to 4.6 m/s.

DPI	m/s	ips	fpm
100	4.62	181.9	909
110	4.20	165.4	827
200	2.31	90.9	455
220	2.10	82.7	413
300	1.54	60.6	303
330	1.40	55.1	276
400	1.16	45.7	228
440	1.05	41.3	207
600	0.77	30.3	152
660	0.70	27.6	138



These printheads are equipped with Buskro's TrueFlow ink management system, which combines a simplified ink path and proven ink delivery that allows ink to flow effortlessly and efficiently to the print modules to produce quick start-ups, maintain print sustainability, and ensure rapid jet recovery.

The 2500/5100 series print heads are compatible with solvent (Cezanne) and UV-curable (Renoir) inks, tailored to meet varying substrate requirements; truly making this solution one of the most versatile products offered in the inkjet printing industry today.

