



AcuityLED40

The Acuity LED 40 series UV-LED flatbed inkjet printer from Fujifilm delivers all of the market leading image quality, performance and reliability benefits of the Acuity platform. Featuring an LED-CURE UV curing system, the Acuity LED 40 series allows for instant-on capabilities for printing resulting in a reduction of power consumption. The Acuity LED 40 series has 8 channels offering application specific color configurations including lights, white and varnish ink options. These options provide a wider range of applications to further enhance productivity, quality and added versatility.

Quick, reliable and low-maintenance, Acuity LED 40 series printers provide optimum print quality and versatility for both rigid and flexible media applications.

All-Purpose reliable instant-on capability Flatbed Inkjet Printer

Acuity LED 40 Series Features

- LED-CURE UV allows for instant-on for immediate production
- 4, 6, and 8 channel configurations to suit current and future business needs
- Pneumatic pin registration system makes rigid media loading fast, easy and precise
- New bright white ink for stunning, high-value applications
- Uvijet KL inks formulated for the Acuity LED 40 series achieved UL GREENGUARD Gold certification
- Automated Maintenance System as standard for hands-free printhead maintenance
- New print mode resulting in faster print speeds
- Get maximum throughput with dual print bed X2 model
- Optional features include a Roll Media Option (RMO)

		Acuity LED 40	Acuity LED X40
Print Technology		Piezo Drive	
Rigid Media		Maximum media size: 49.2" x 98.4" x 2.0" (1.25 m x 2.5 m x 5.08 cm) Maximum print area: 49.6" x 98.8" (1.26 m x 2.51 m)	Maximum media size: 98.4" x 121.3" x 2.0" (2.5 m x 3.08 m x 5.08 cm) Maximum print area: 121.7" x 98.8" (2.51 m x 3.09 m)
Roll Media		Roll Width: 35.4" to 86.6" (90 cm to 220 cm) Maximum print width: 86.2" (2.19 m) Maximum roll weight: 110 lbs (50 kg) Maximum diameter: 240 mm (9.45"), Core: 3" (inside)	
Ink	Configuration	44: CMYK 46: CMYK + WW or WV 48: CMYK + LcLm + WW or WV	
	Package	2L pouch (C, M, Y, K, Lc, Lm) 1 L pouch (W, V)	
Ink Type		Fujifilm Uvijet KL series UV-LED curable inks	
Printheads		Toshiba Tec CE-2 greyscale, variable drop 6 pl – 42 pl 1 printhead per channel	
Number of Nozzles		636 nozzles/color - single color per head	
Printing Resolution		Image quality is equivalent to 1,440 dpi resolution or higher	
Connectivity		100/1000 BASE-T	
Environment Temperature		64°F to 86°F (18°C to 30°C)	
Humidity		30-70% RH Non-Condensing	
Compressed Air Requirements		Clean, dry, compressed air using a Coalescing Filter, Pressure Regulator set to 690 kPa (100 psi) and 0.25" / 6mm outside diameter air tubing. Peak flow: 56 l/min at 690 kPa (2cfm at 100 psi)	
RIP Recommendation		ColorGATE Production Server Fujifilm edition or Caldera GrandRIP	
Power Requirements		2 x 208-240 VAC/60 Hz OR 2 x 200-240 VAC/50 Hz, Single-phase, Rated Current: 16A Circuit Breakers: North America: 20A, Europe: 16A, ROW: See CB Scheme Report	
Dimensions (W) x (D)		Printer only: 183.5" x 78.7" (4.66 m x 2.0 m) Printer & RMO: 183.5" x 90.6" (4.66 m x 2.3 m)	Printer only: 183.5" x 150.8" (4.66 m x 3.83 m) Printer & RMO: 183.5" x 162.2" (4.66 m x 4.12 m)
Weight		Printer only: 1,871 lbs (849 kg) Printer & RMO: 2,423 lbs (1,099 kg)	Printer only: 3,660 lbs (1,660 kg) Printer & RMO: 4,211 lbs (1,910 kg)

Mode	44	46	48	Standard Flatbed		X2 Flatbed		RMO	
				ft ² /hr	m ² /hr	ft ² /hr	m ² /hr	ft ² /hr	m ² /hr
High Key	◆	◆	◆	548	50.9	568	52.8	416	38.6
Express	◆	◆	◆	368	34.2	380	35.3	278	25.8
Production Fast ¹			◆	271	25.2	279	25.9	202	18.8
Production	◆	◆	◆	224	20.8	229	21.3	183	17
Quality	◆	◆	◆	157	14.6	162	15	129	12
Quality Density	◆	◆	◆	85	7.9	88	8.2	68	6.3
Quality Matte	◆	◆	◆	112	10.4	116	10.8	85	7.9
Quality Layered 2 layer		◆	◆	79	7.3	81	7.5	65	6
Quality Layered 3 layer		◆	◆	52	4.8	54	5	43	4
Fine Art	◆	◆	◆	126	11.7	128	11.9	102	9.5
High Definition	◆	◆	◆	67	6.2	69	6.4	65	6
Varnish High Gloss		◆	◆	~43	~4	54	~5	n/a	n/a

¹ lclm configurations