

Acuity LED 1600

TECHNOLOGY PREVIEW



► Cutting-edge LED UV hybrid printer

The Acuity® LED 1600 is a high performance wide format inkjet printer featuring unique Fujifilm technologies, including a proprietary LED light source design and LED UV ink curing system and a high precision, high productivity printhead.

The Fujifilm Acuity LED 1600 is designed for both users new to wide format inkjet printing for those who wish to save costs by printing with the newest LED UV curing technology. The Acuity LED 1600 is ideal for a wide variety of applications, from wide format posters to window displays, backlit signs, point of purchase materials and product packaging.

Fujifilm's proprietary Fast Accurate Marking technology enables best-in-class productivity of 20m²/h to deliver high quality with shorter job delivery times. An innovative hybrid design allows for printing on wide format roll media, rigid board and sheet substrates up to 13mm thick and 1.6m wide. The print tables have a unique folding compact design that takes up minimal storage space.

Key features:

- Unique hybrid design allows easy switchover between roll media and rigid boards
- Uvijet UV inkjet inks include CMYK, light cyan, light magenta, white and clear as standard
- Single pass printing of two or three layers of colour, white and clear inks simultaneously
- High-precision, high-speed FUJIFILM Dimatix printheads
- VersaDrop jetting technology precisely adjusts ink droplet size according to the image design, ensuring smooth tonal gradations
- 'Best-in-class' productivity of 20 m²/hr
- Handles substrates up to 13mm thick and 1.6m wide

AcuityLED1600

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Uvijet

High quality, high productivity

The new FUJIFILM Dimatix high precision inkjet printhead with VersaDrop delivers varying ink droplet size according to the image and ensures smooth tonal gradations as well as exceptional solid colours. Fast Accurate Marking technology controls high speed scanning and high precision jetting at class-leading print speeds up to 20m² per hour.

Eight colour ink set including white and clear

The Acuity LED 1600 uses Uvjet inks (CMYK, light cyan, light magenta, white, and clear as standard) and allows for the combined use of colour, white and clear ink in a single pass, greatly improving printing efficiency and producing high-gloss output for a premium finish. A re-usable cartridge and replaceable ink-pouch system adds convenience and reduces waste.

Spot Colour Matching software

Employing sophisticated image processing technology, the Spot Colour Matching software automatically generates a colour chart that simplifies the process of matching spot colours resulting in better accuracy and time savings.

LED UV lamp system

The proprietary LED UV lamp system provides longer service life and lower power consumption than conventional lamps. Eco-friendly design reduces the frequency of lamp replacement, saving maintenance labour costs. Intelligent Curing Control technology precisely controls ink dot gain for improved ink to substrate adhesion, expanding the range of substrates for printing.

VersaDrop technology



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Ordinary printer

Technical specifications

Printing technology	UV LED inkjet
Max. print width	1,610mm
Max. substrate thickness	Roll, sheet and rigid substrates up to 13mm <i>Printer tables included for printing on rigid substrates</i>
Max. print speed	20 m ² /h (600 dpi x 400 dpi)
Resolution	400 dpi – 1200 dpi
Printhead	FUJIFILM Dimatix Q-class printheads
Fujifilm Uvjet UV inks	Fujifilm UV LED curable ink
	8 colours (cyan, magenta, yellow, black, light cyan, light magenta, white, clear)
Physical dimensions	2620mm (W) x 750mm (D) x 1150mm (H)
Weight	260kg
Power	AC 100-120V, 200-240V, 50/60Hz
Network	USB 2.0
Print modes & speeds	
Mode	Flatbed speed (m ² /h)
High Production	20
Standard	12
Quality	7.4

Please contact your local Fujifilm partner for further information: