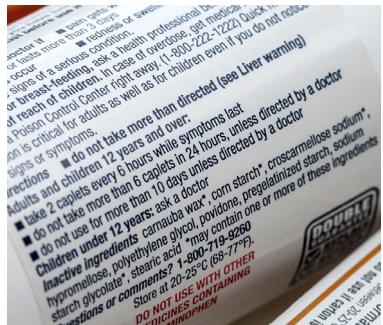
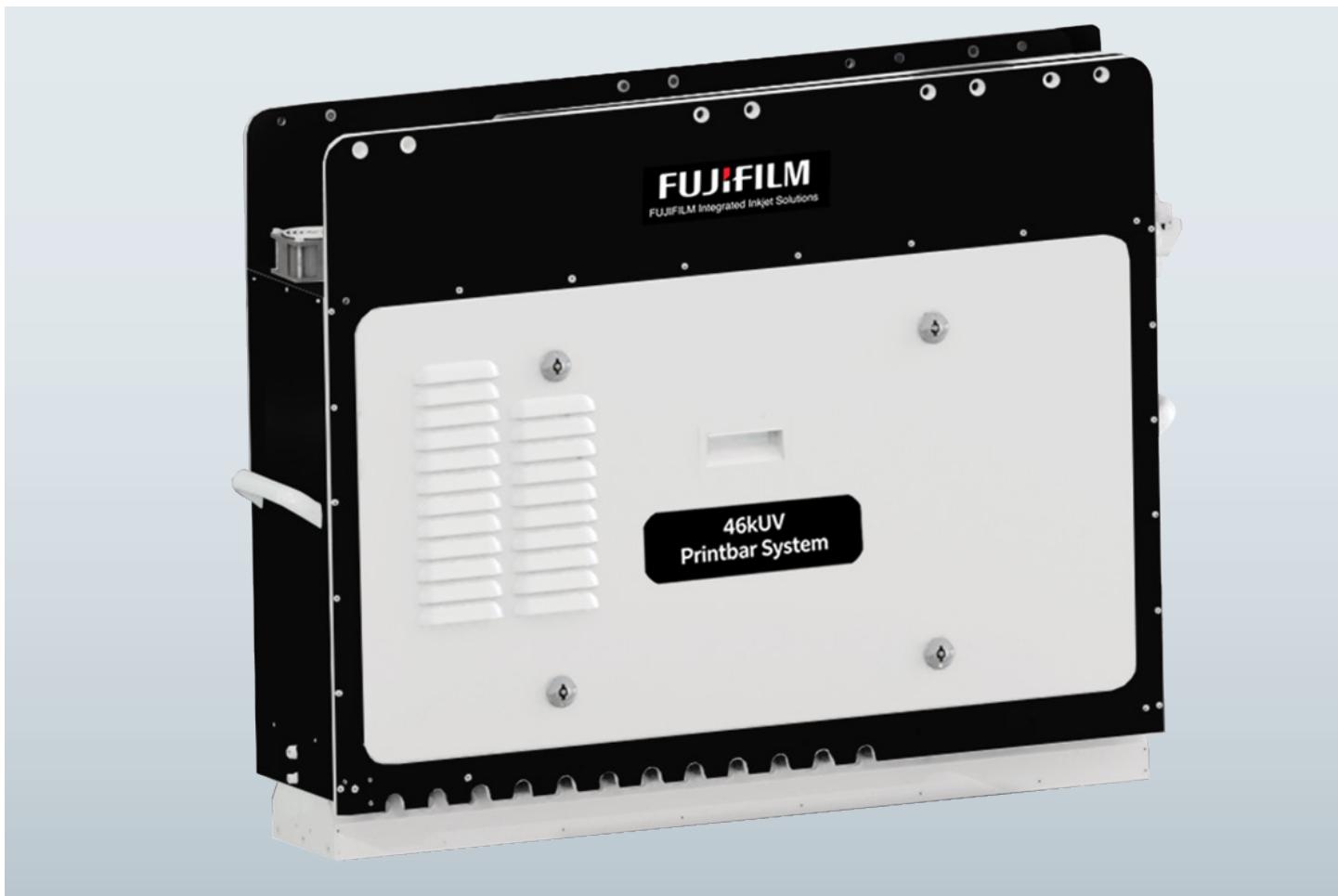


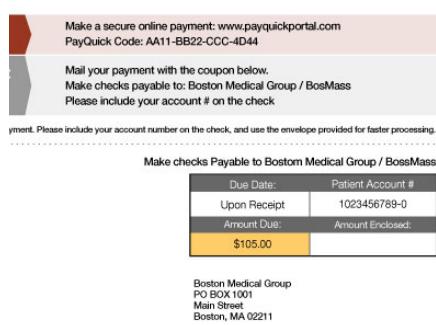
**FUJIFILM**

# FUJIFILM 46kUV Inkjet Printbar

## An Industrial Inkjet UV Print System



## Labels



## Transactional printing



## Packaging

# About the FUJIFILM 46kUV Printbar System



With a flexible range of print widths and configurations, the FUJIFILM 46kUV Print System can seamlessly integrate into existing print production processes.

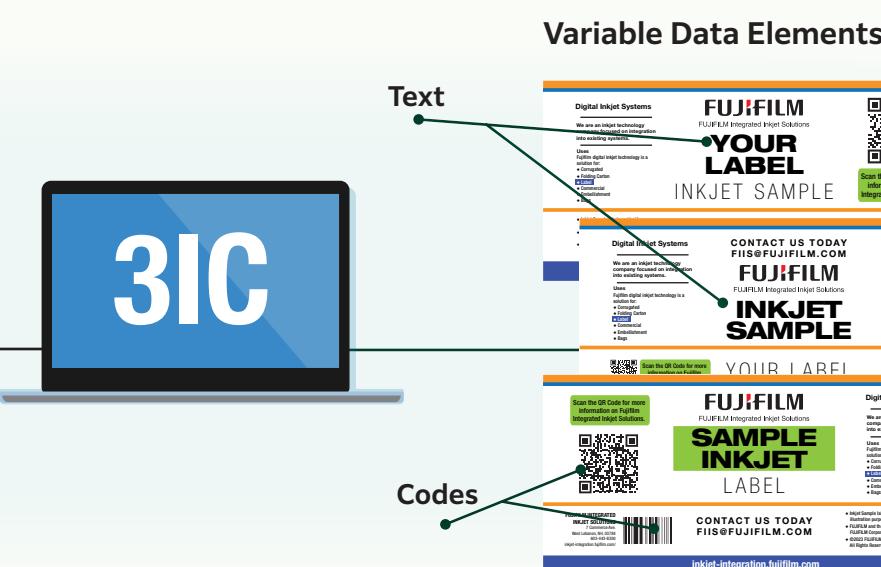
The system features the FUJIFILM SAMBA® printhead, which leverages the accuracy and precision of Silicon MEMS (Si-MEMS) processing to deliver breathtaking image quality.

## Technology Spotlight: 3IC Variable Data Print File Creation

3IC is a lightweight, variable-data print composition application that comes as an option. It is designed for simplicity and ease-of-use when small jobs need to be set up quickly. 3IC runs on the print controller for convenient access.

### Database

XPLYZ7N3	
YOUR LABEL	
XMFG3J2R	
4X75PKQM	
INKJET SAMPLE	
BFHVUECQ	
75UKJHFL	
EY9H46CF	
4W6RLPY5	
SAMPLE INKJET	
PQSK1WIT	
OFEYDSAU	
K78DHQCW	
LFEAKMYX	



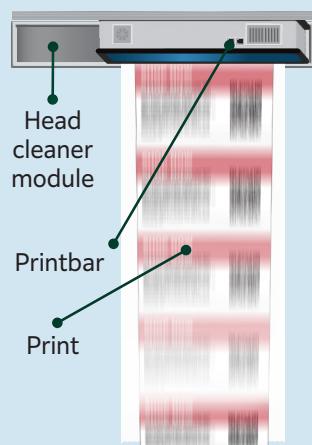
# Technology

Fujifilm has leveraged its imaging and information technologies to create an integrated print system that is adaptable to virtually any printing need.

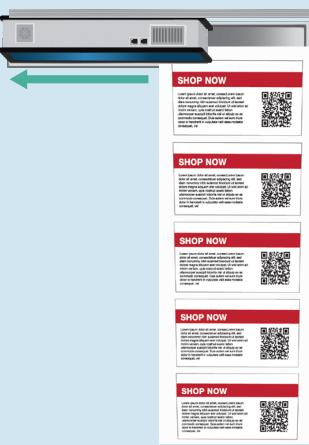
## Cleaning and capping module

The cleaning and capping module keeps the printheads clean and functioning.

### Top view



The cleaning module is part of the print system.



The printbar slides over for the cleaning process.



When completed, printing resumes.

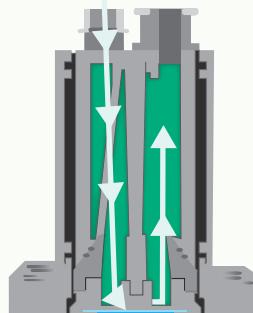
The cleaning/capping module is specially designed with precision engineered components to help maintain optimal image quality throughout the life of the 46kUV product.

The module is typically run once per shift, and at the touch of a button, cleans the printhead nozzle plate to ensure consistent print quality and reduce misdirected or clogged nozzles.



## Worldwide reach

FUJIFILM Integrated Inkjet Solutions provides global support for its customers. Fujifilm customers benefit from fully integrated, reliable print systems built to industrial standards. This includes production-ready, multi-color print systems fully integrated into the production process.



With No Nozzle Loss



With Nozzle Loss

### REDIJET®

Fujifilm's patented REDIJET ink recirculation system keeps ink flowing all the way to the jetting nozzles, which allows for fast startup, high uptime, and easy cleaning.

### Nozzle Redundancy

Fujifilm's SAMBA® printheads have 32 rows of nozzles each and are capable of multi-pulse waveform. These provide redundancy in the event of nozzle loss.

# Technical specifications

Parameter		46kUV Printbar System
Print Width		Dimensions
13.5 in		29.3 x 7.6 x 26.8 in (74.42 cm x 19.3 cm x 68.07 cm)
Printbar dimensions	17 in	36.2 x 7.6 x 26.8 in (91.95 cm x 19.3 cm x 68.07 cm)
	20.4 in	36.2 x 7.6 x 26.8 in (91.95 cm x 19.3 cm x 68.07 cm)
	27.2 in	43 x 7.6 x 26.8 in (109.2 cm x 19.3 cm x 68.07 cm)
Print Speed & Resolution*	40.9 in	56.6 x 7.6 x 26.8 in (143.7 cm x 19.3 cm x 68.07 cm)
	Cross process resolution 1,200 dpi	
	305 fpm / 93 mpm (Resolution: 1200x1200 dpi)	
Print Speed & Resolution*		500 fpm / 152.4 mpm (Resolution: 1200x600 dpi)
Color & Quality	Monochrome	
	Native drop size 4ng	
	Smallest font 2pt (4pt knockout)*	
Fluid		UV inks
Print Controller		Bulk ink container available in 20L, 210L, and 1000L
Print Controller		Intermediate reservoir to allow for continuous printing while bulk container is being replaced
File Format & Page Data Stream		Print queue management using Job Tickets and Hot Folders
Print Controller		RIP-Stream; simultaneous RIP and print
Print Controller		RIP-to-TIFFS; jobs are ripped in advance and saved as ready to print TIFFs
Interfaces		Output synchronization for simplex or duplex printing
File Format & Page Data Stream		Accepts PDF and TIFFs
Print Controller		For legacy transaction data streams, a third party conversion utility may be required
Dimensions		Windows® 11 and Print Engine Control Software (PECS)
Print Controller Dimensions		59.6 in x 19.6 in x 71.65 in, 800 lbs. (1515 mm x 499 mm x 1820 mm, 363 kg)
Power		208-240VAC, 1 Phase, 50/60Hz, 20 amps max
*Capabilities may vary depending on end user application and substrate		

## Global resources

With office locations in every major geographic region, Fujifilm provides the latest technology quickly and is there to help at any time. Some of our locations include:

- FUJIFILM Australia
- FUJIFILM Canada
- FUJIFILM Mexico
- FUJIFILM Europe
- FUJIFILM Unigraphica
- FUJIFILM New Zealand
- FUJIFILM North America
- Offices in every major European country



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