



# Xaar Versatex

## Unlock the versatility and capability of digital inkjet, with reduced time to market and ultimate flexibility.

The Xaar Versatex, available as either an Evaluation Kit or Print Engine, offers complete flexibility to easily develop or integrate a digital inkjet solution for a range of applications.

Comprising of fully integrated datapath, ink supply system and an array of printheads giving you instant access to the ImagineX platform, the Xaar Versatex is a user-friendly, ready-to-go solution making it quick and easy to get to market.

The Xaar Versatex enables users with limited inkjet experience and expertise to fast track the digital inkjet development and integration process, allowing them to easily develop new applications or integrate into existing processes and machines. While experienced users can seamlessly introduce a complete print engine directly on to their existing equipment.

### Get to market quickly

Reduce your time to market with this integrated inkjet solution and our expert technical support team helping you every step of the way.

- Incorporates industry-leading and proven technology from Xaar including TF Technology, AcuChp Technology, High Laydown Technology and Ultra High Viscosity Technology
- An array of printheads in different widths which saves you development effort, technical challenges and set up time
- A comprehensive suite of Calibration software utilities are provided as standard enabling uniform printing results across the bar
- Integrated ink delivery system, with associated software, built into the system level graphical user interface which removes the need to develop your own

- Inbuilt workflow including image editing and where appropriate, colour management linked to job queuing so you can simply press go, ready for printing
- Access to invaluable inkjet expertise such as ink rheology, materials compatibility testing and waveform generation as well as a global support team providing consultancy, training and application expertise, all of which will shorten your development time.

### Designed for complete flexibility

Suitable for developing an entirely new system or adding to an existing one, the Xaar Versatex can be easily configured to meet your system requirements.

- Choose from a range of printheads and drop sizes
- Portfolio of fluids proven in wide range of applications
- No restrictions with specific media interfaces giving you the ability to print onto a wide variety of substrates.

### Easy entry into digital inkjet

The Xaar Versatex provides a simple route into using inkjet technology for first time developers.

- Minimal development effort required for new and novel approaches where having an integrated system to dispense a fluid or functional material is needed, shortening time to market and improving return on investment
- Greatly simplifies the deployment of printheads, ink delivery, software and workflow systems
- Training, fluid validation and application support provided by our global support team
- Enables enhancement of current printing workflows to exploit benefits of digital inkjet technology and processes, and enhance your products market offering.

## Applications

Advanced  
Ceramics  
Coding &  
marking  
Décor  
Glass  
Graphics  
Labels  
Packaging  
3D printing

### Xaar Versatex Evaluation Kit

The evaluation kit is an initial inkjet system which can be configured up to a print width of ~210mm (three printheads), using either Xaar Nitrox or Xaar 2002, with integrated ink system, datapath, and software. It can be mounted within an existing application to enable full validation of Xaar printheads and technology before transitioning to a full print engine solution.

#### Product configurator

Features	
	TF Technology ink system
	Graphical user interface (GUI)
	Image processing
	Workflow integration
	Flexible installation
	Xaar High Laydown

#### Print width

Up to ~210mm

#### Printhead technology\*

Xaar 2002	-	6pL	12pL	40pL
Print resolution (dual fluid)		360 x 1440 dpi		
Print resolution (single fluid)		720 x 1440 dpi		
Xaar Nitrox	3pL	6pL	12pL	40pL
Print resolution		360 x 1440 dpi		

#### Linear speed

Up to 100 m / min

#### Fluid compatibility

UV-based  
Oil-based  
Solvents

\* Example high resolution print mode

### Xaar Versatex Print Engine

The print engine is currently available in up to ~420mm using Xaar 2002, with integrated ink system, datapath and software that has flexible mounting capabilities. This system is designed to be implemented after the evaluation kit has been used to prove the customer desired print process.

#### Product configurator

Features	
	TF Technology ink system
	Graphical user interface (GUI)
	Image processing
	Workflow integration
	Flexible installation
	Multiple bar system
	Xaar High Laydown

#### Print width

Up to ~420mm

#### Printhead technology\*

Xaar 2002	6pL	12pL	40pL
Print resolution (dual fluid)	360 x 1440 dpi		
Print resolution (single fluid)	720 x 1440 dpi		

#### Linear speed

Up to 100 m / min

#### Fluid compatibility

UV-based  
Oil-based  
Solvents

