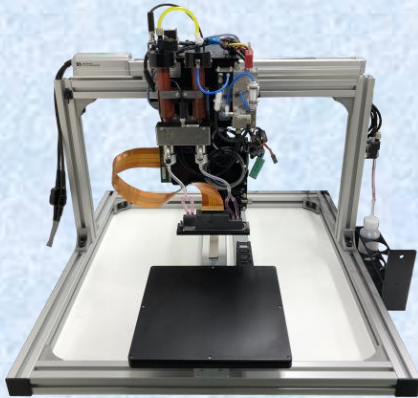
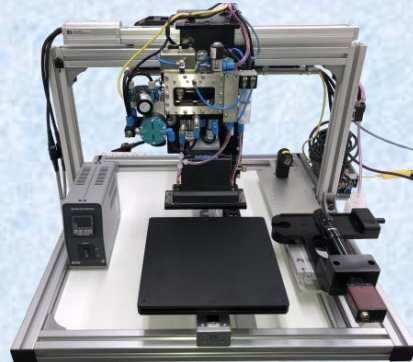


Inkjet printing evaluation kit **Y-JET SERIES**

Y-Jet series is a kit to support the initial development works for inkjet technology adoption. Y-Jet is built with the standardised products from the suppliers of inkjet printhead driver electronics, printing software, & ink supply systems, which allows it to be supplied at an economical cost & a short lead-time.



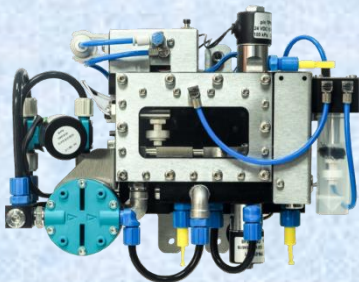
Y-JET Standard



Y-JET with DW Option

«Features»

- Table-top type. 2-axis motion control (printhead motion, media motion)
- Various printhead suppliers / Various printhead types supported
- UV (UV-LED) curable Ink, Solvent-based ink, Oil-based ink supported
- Single to 4-colour (CMYK) printing supported
- Printing area: 250mm x 250mm (dimensions customisable)
- 550mm/sec Maximum linear printing speed: 550mm/sec
- Meteor Inkjet driver electronics / PC printing software used
- Megnajet ink supply system / configuration software used
- PC software (print driver, ink supply system, individual motion control PC software)



Ink Supply System

Non Recirc / Recirc Types



Print Driver

Various head-specific boards



Print control software

all printhead types supported

Inkjet printing evaluation kit Y-Jet series specifications

Items	Specifications
Printer type	Table-top type
Inkjet printhead makers supported(*1)	Xaar/Kyocera/Seiko-Epson/SII/Konica Minolta/Fujifilm Dimatix/Ricoh/TTEC
Ink Type	UV (UV-LED) curable, aqueous, solvent, oil
No. of heads per printer	1 head (standard) / 2-4 heads (Optional)
Printing Mode	X-Y motion (Single pass / Scanning)
Printhead Driver	Printhead-specific board (by Meteor Inkjet)
Print control software	Specialised PC software (MetPrint or MetScan by Meteor Inkjet)
Print Data	TIFF/BITMAP
Ink Supply System	Printhead-specific unit (by Megnajet) / Specialised PC configuration
Media fixing	Magnetic
Software	Separate control (Printhead driver/Ink supply system/Motion module)
Printhead maintenance	Purging (by software commands) / Manual wiping
Safety device	E-STOP (Motion module)
Media dimensions (Y-Jet Standard)(*2)	250mm x 250mm
Printer dimensions (Y-Jet Standard)(*3)	W:500mm x D:950mm x H:650mm
Printer dimensions (Y-Jet with DW Option)(*3)	W:800mm x D:950mm x H:650mm
Option 1	Installed with UV (UV-LED) curing system (by Integration Technology)
Option 2	Installed with Drop Watcher system
Option 3	Installed with media plate heater
Option 4	Installed with UV cutting side cover (with flange for the ventilation duct)

(*1)Printheads will be sourced by customers.

(*2)Please talk to us about your preferred media plate dimensions.

(*3)The standard transport shaft stroke is 600mm. Please talk to us about your preferred stroke number

- * We are flexible to customers' preferred design. Please talk to us to finalise the specifications.
- * Y-Jet series is an evaluation system to facilitate the development & the adoption of inkjet technology. Sizes or features that largely exceed the standard specifications are not supported (e.g. specifications that support in-line production, automatic position control based on image recognition, etc.)
- * In case any inkjet system is not supported by Y-Jet series, we can introduce specialised system integrators to customers.

Options / Other tools for development



Printhead cleaning unit

(Pantheon Systems)



UV Lamp / UV-LED system

(Integration Technology)



Drop Watcher System

(Meteor Inkjet)

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