

OnePass JET EB

For flexible packaging and various packages
Single pass, EB ink-based inkjet simulation printer.

Features of device

Ideal for surface printing of flexible packaging film materials such as OPP, PET, and nylon (*).

Features of EB ink

Can be cured without an initiator. No migration and odor.

Solvent-free, low-temperature process, high adhesion, supports high-speed printing.



Equipped with EB irradiator made by Hamamatsu photonics K.K.

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Features **01**

EB ink compatibility
 Can be cured without initiator
 No migration or odor
 Eco-friendly with low temperature process
 Supports high-speed printing with high adhesion

Features **02**

High-speed, high-resolution printing
 75m/min [At 600dpi]
 Maximum 100m/min

Features **03**

Various simulations
 Pin Cure, Wet on Wet, resolution change
 Irradiation energy can be examined



Section name	Item	Details
Ink jet	Compatible Head	Kyocera 600dpi
	Number of Heads	2 rows x 5 colors installed (CMYK+W)
	Printing Method	Single-Pass (PinCure,Wet on wet,Can be simulated)
	Table	A4 (210mm (W) x310mm (H))
	Head gap adjustment	Electric adjustable (0~10mm)
EB (Electron beam)	Acceleration voltage	50kV~100kV
	Irradiation ability	30kGy@100m/min
	Irradiation width	450mm (Under development with 650mm width)
Transport	Option	Can be equipped with a separate pin cure device
	Transport speed	1.27m/sec (75m/min At 600dpi) Maximum 1.67m/sec (100m/min)
	Table	Adjustable height (0~30mm)

(*) Applicable materials and productivity vary depending on the ink used..

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Operation time : 8:30~17:30(weekday)