

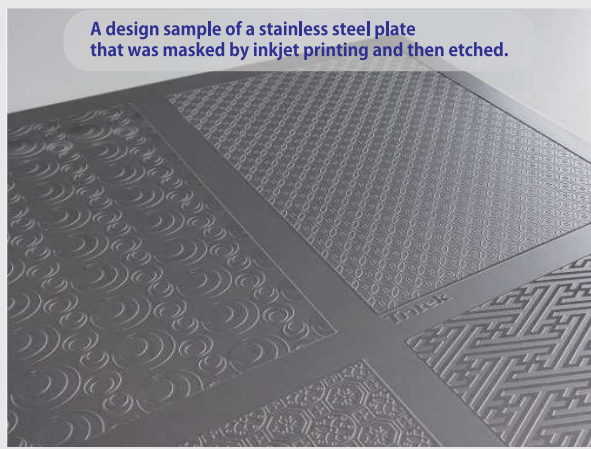
Stage JET *EM-1*

EM-1 is an inkjet printer designed for **etching mask drawing**.

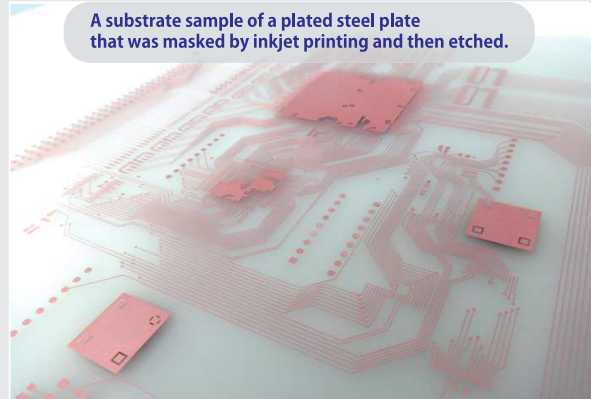
Features

- Specializes in etching mask ink application.
- Used for nameplates, die-cutting plates, mask plates, etc.
- Equipped with a coating thickness adjustment function for various applications.
- With the advantages of reduced material loss and no need for platemaking, it is ideal for small-lot projects that could not be handled until now.

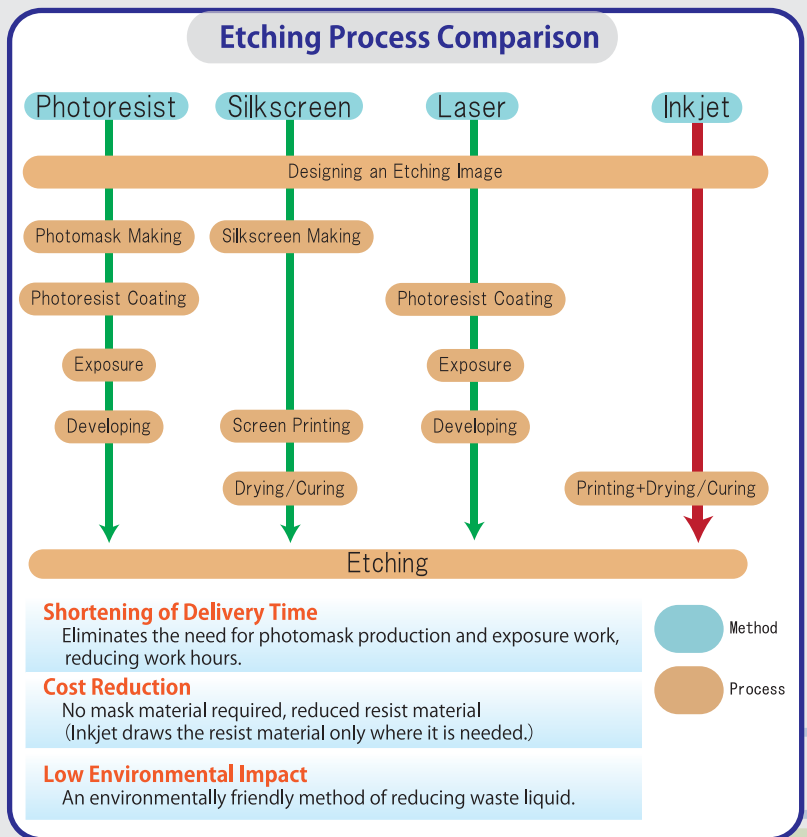
A design sample of a stainless steel plate that was masked by inkjet printing and then etched.



A substrate sample of a plated steel plate that was masked by inkjet printing and then etched.



Etching Process Comparison



Stage JET EM-1 Device Image

Items	Basic Specification	
Head Type	360 dpi specifications	600 dpi specifications
Number of Head	Standard 1 head, Customizable to mount multiple heads	
Ink Curing System	LED UV irradiation device	
Print Size (MAX)	610×800mm Customizable	
Print Speed	Depends on printing conditions	
Printing Method	1~32 Pass	
Printing Resolution(X)	360~2880dpi Selectable	600~2400dpi Selectable
	(Y)360~2880dpi Selectable	600~2400dpi Selectable
Ink Supply System	Main-Tank+Sub-Tank System	
Ink Control	Negative Pressure Pump	
Media Thickness(MAX)	50mm	
Fixing Media	Air suction to the table Customizable	
Input Image File Format	Tiff File Format CAD conversion tool is available as an option	
Software	Windows Application Soft	
Dimensions	1400mm(W)×1800mm(D)×1785mm(H) Depends on specifications	
Maintenance	Manual(Automatic is optional) Wiping·Automatic Capping	
Safety System	Emergency switch·Door Interlock Mechanism	

Contact us

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