

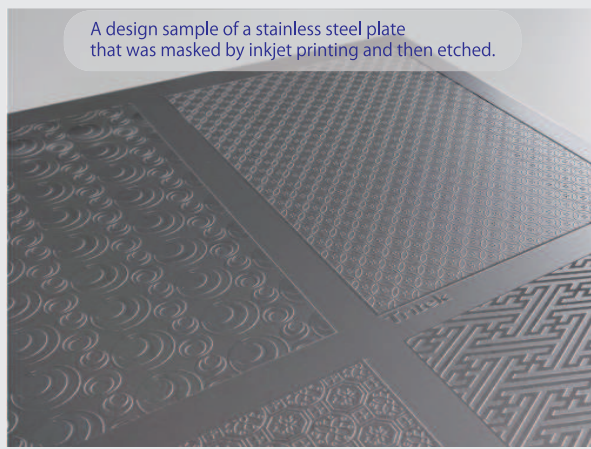
Stage JET *EM-1*

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

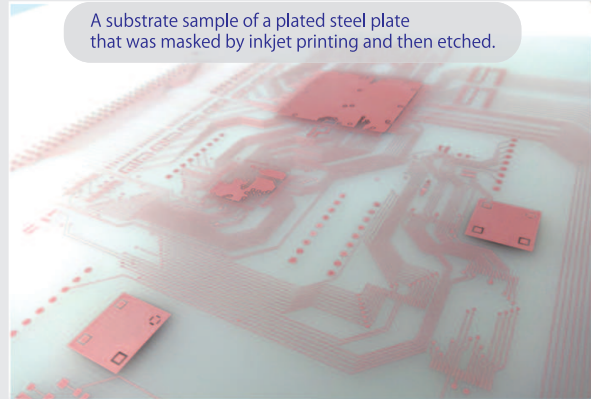
Features

- 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.

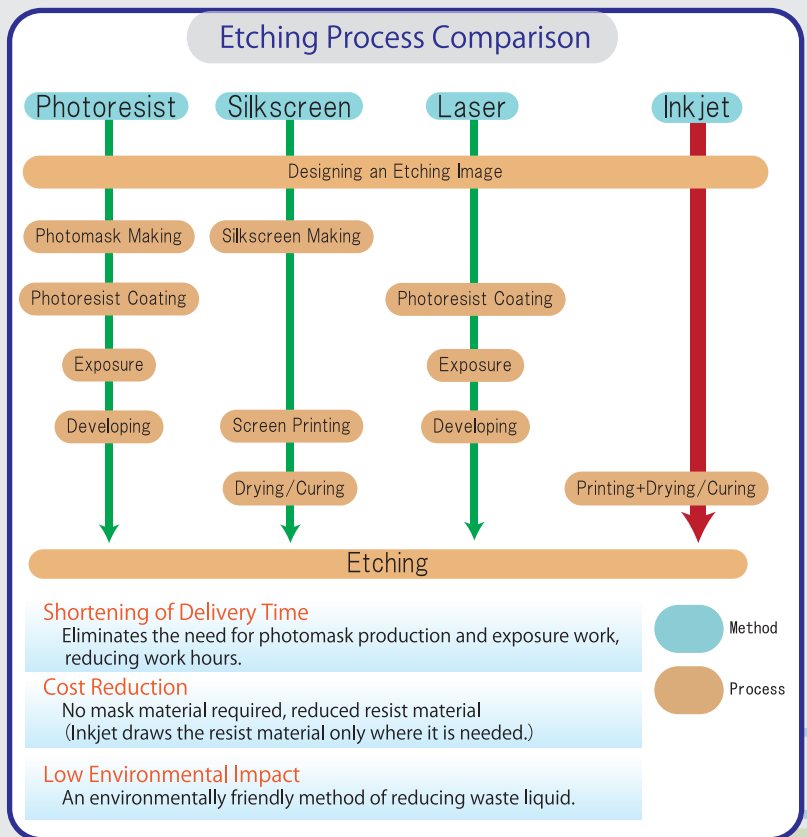
A design sample of a stainless steel plate that was masked by inkjet printing and then etched.



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
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	2200mm(W)×1550mm(D)×1800mm(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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