

Flexographic Printer High Precision Thin Film Forming Equipment

This equipment forms thin film.

Applying the PI alignment film, the insulating film, the adhesive, etc. by flexo printing technique.



Large size



Small Size

Features and Intended Use

Model	IP series, IN series S series and etc.
Intended Use	Printing of alignment film, overcoating and other materials.

According to the printing conditions, the printing method can be selected.

IP Series	"Perform APR wetting and printing simultaneously." or "Perform printing after APR wetting (separating the APR wetting series and the printing)." One of the above can be selected
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An example of specifications

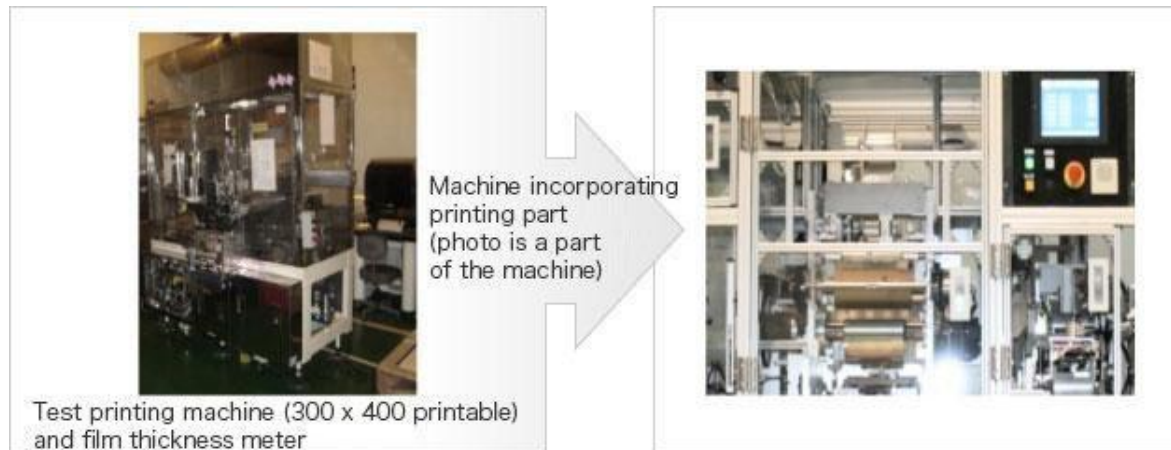
Items	Specifications
Printing method	Gravure roll + flexographic printing
Printing method size	100 x 100 to 1100 x 1300mm
APR wetting method	Quantitative supply method by anilox roll
Drive method	Stage drive
Drive transmission method 1:	Direct connection between printing roll gear and printing stage rack gear
Drive transmission method 2:	Electrical synchronous operation by servo motor
Plate cylinder	Iron based material / plating

Runout of plate cylinder	Within 20 μ
Relief printing plate (APR plate)	Mechanical fixation
Intaglio plate (Anilox) roll	Iron based material / hard Cr plating or ceramic
Doctor blade	PET back-up blades SUS420
Ink supply system	Pumping dispenser system
Stage	Iron based material, plating, fluorine coating / ceramic
Substrate alignment	Auto alignment by image processing or adjustable pin alignment
Prebaking	Proxy pin method (Special heat insulating material is used in the pins.)

Option

Please feel free contact us regarding to the printing pressure, the control method of nip pressure, other driving method and etc.

Others



We have various anilox rolls for testing.