



ADHESION CONTRAST PLANOGRAPHY PRINTING SYSTEM



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1. Performance

- ◆ Double-table, double-roll system
- ◆ High repeatability by servo motors and high-precision machinery components

2. Efficient R&D

- ◆ Touch panel with user-friendly GUI
- ◆ Various adjustable parameters

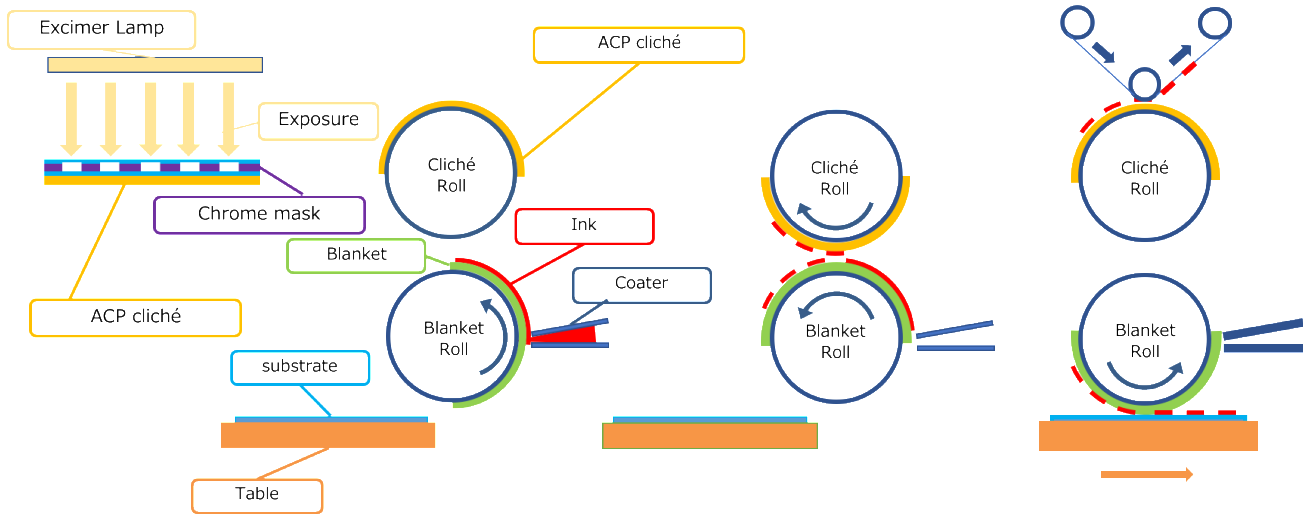
3. Printing methods

- ◆ Adhesion contrast planography, reverse offset printing, gravure offset printing, flexography and super-flexography

4. Environment

- ◆ Clean-room compatible
- ◆ Anti-rust product

Cliché Making → Inking → Pattern Generation → Pattern Transfer & Cliché Cleaning



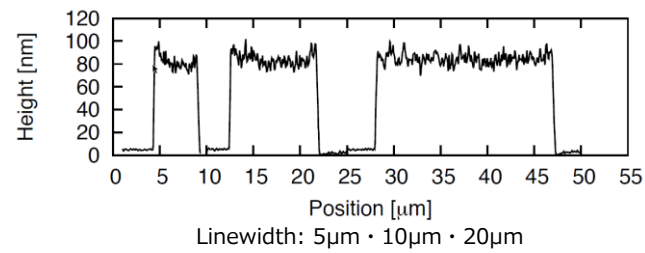
《Features of adhesion contrast planography》

- Single-micrometer resolution printing of various materials
- Simple UV exposure for cliché preparation
- Low pattern distortion owing to flat clichés
- High pattern design flexibility
- Cliché cleaning by a cleaning tape for high-throughput production
- Uniform layer thickness and sharp side-edges of ink patterns
- Roll-to-roll compatible method

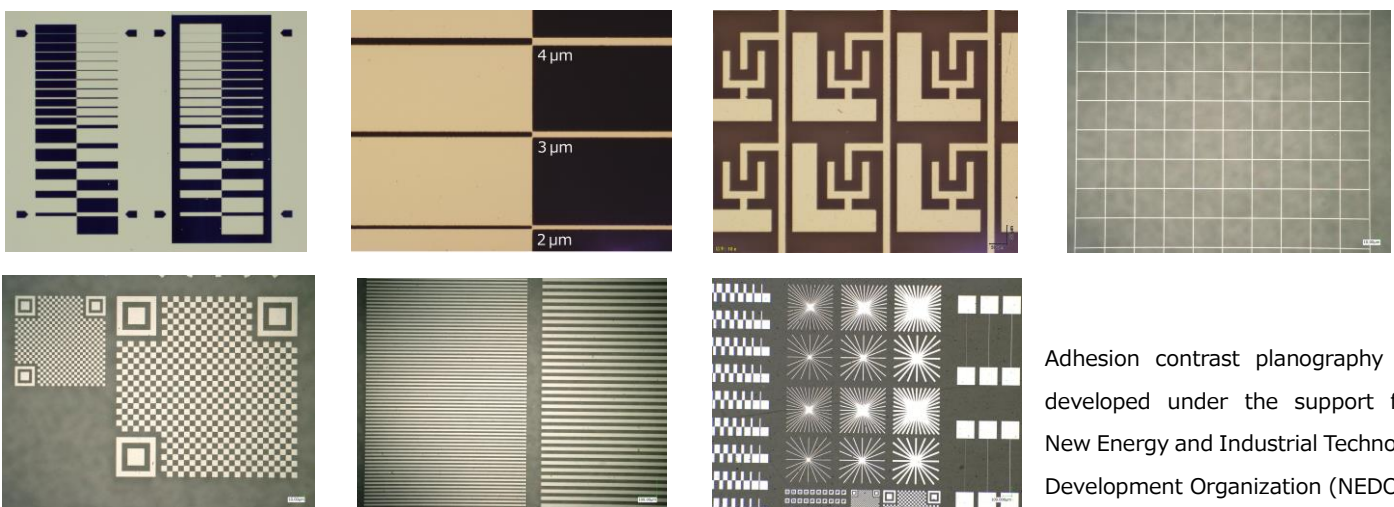
《Specification》

Size / Weight	Length: 2200 mm × Width: 2400 mm × Height: 2000 mm Approx. 1600 kg
Work size	200 mm×200 mm
Safety	Emergency stop, electrical leakage breaker, etc
Precision	Positioning resolution of 1 μm
Others	Recipe save, alignment camera (manual / automatic), cliché cleaner, coating stage

《Pattern profile》



《Printed sample gallery》



Adhesion contrast planography was developed under the support from New Energy and Industrial Technology Development Organization (NEDO)



NIHON DENSHI SEIKI Co.,LTD
 46-1, Ryofukuji, Kashiba, Nara, 639-0235 Japan
 TEL:0745-77-6951 FAX:0745-77-6950
<http://www.jemflex.co.jp>