



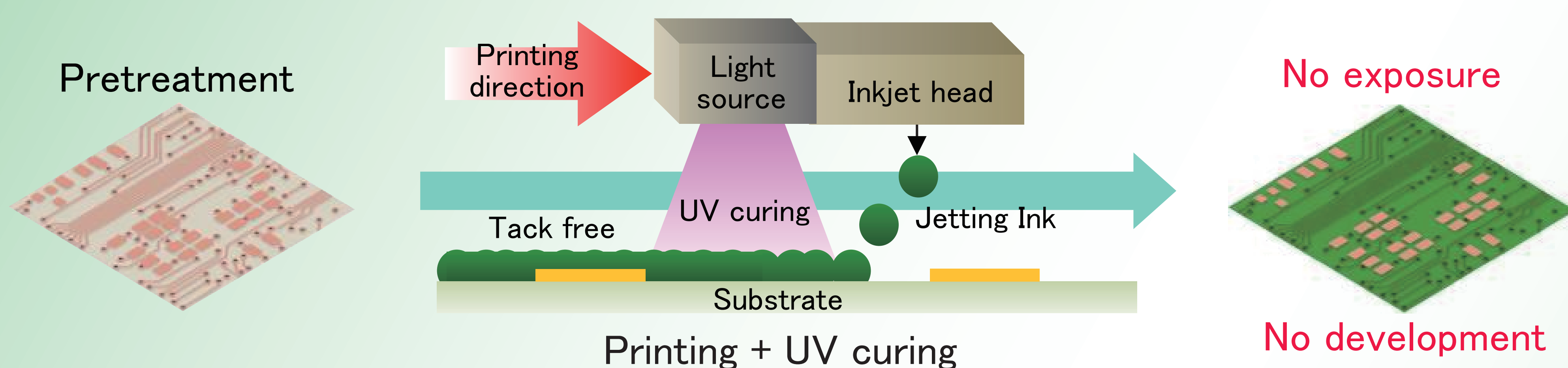
IJSR-4000 Series

インクジェット印刷対応ソルダーレジスト

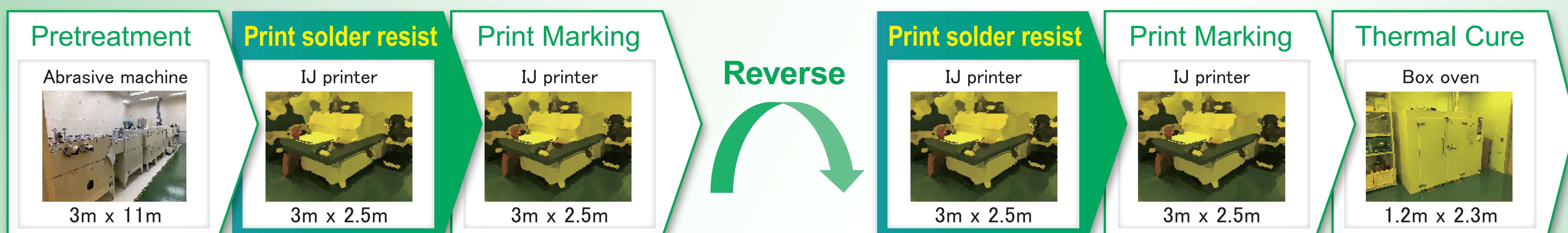
Solder Resist For Inkjet Printer

- 環境負荷の低減: シンプルな工程で、省エネ・省資源に貢献
Excellent adhesion, heat resistance and plating resistance
- 良好な密着性を有し、従来のIJ用SRでは困難だった無電解すずめっき耐性を実現
Environmental friendly
- 良好な解像性を有し、様々なパターンの形成が可能
Good resolution, applicable for various process

インクジェット法によるSR形成工程



IJSR-4000シリーズを使用したPCBの製造工程



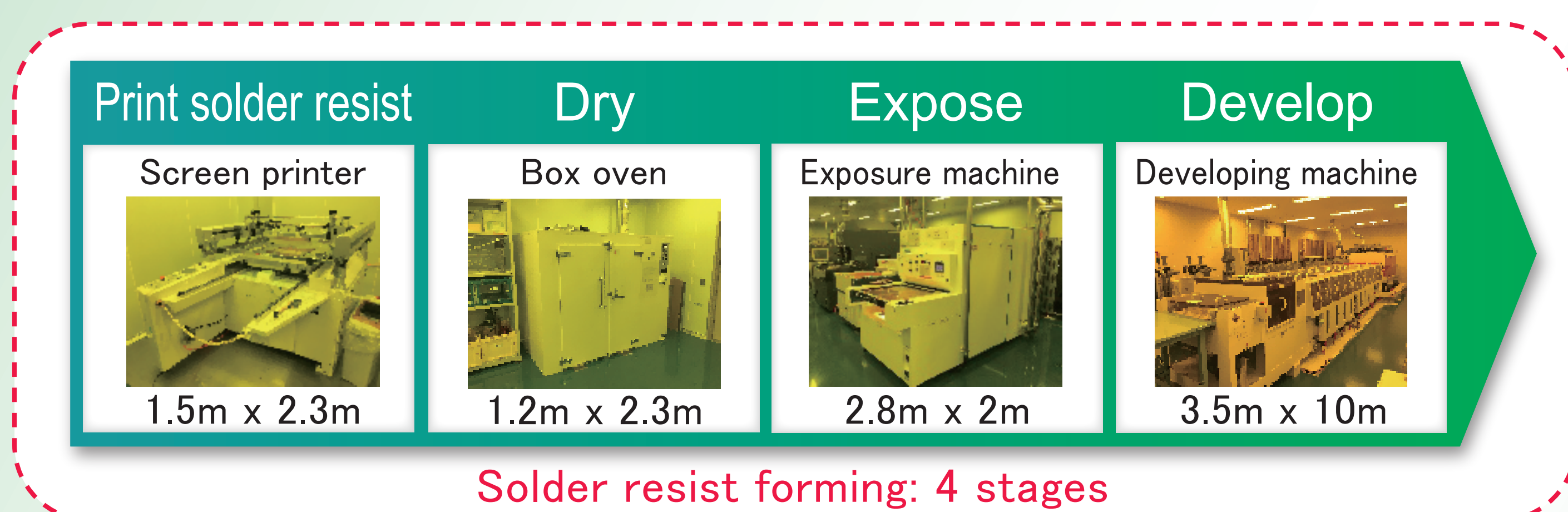
IJ solder resist (1 stage) + IJ marking ink
→ Shorter manufacture process
Energy saving, compacted equipment

Total machine footprint: 52%
Conventional printing: 82.6m² → IJ printing: 43.3m²
(based on data of Taiyo)

List of IJSR-4000 series

Name	Color	Features	Application
JM01E	Black	ENIG resistance	Commodity PCB
JM02G	Green	Crack resistance	Automotive PCB
JM01C	Light yellow	Bendability	FPC

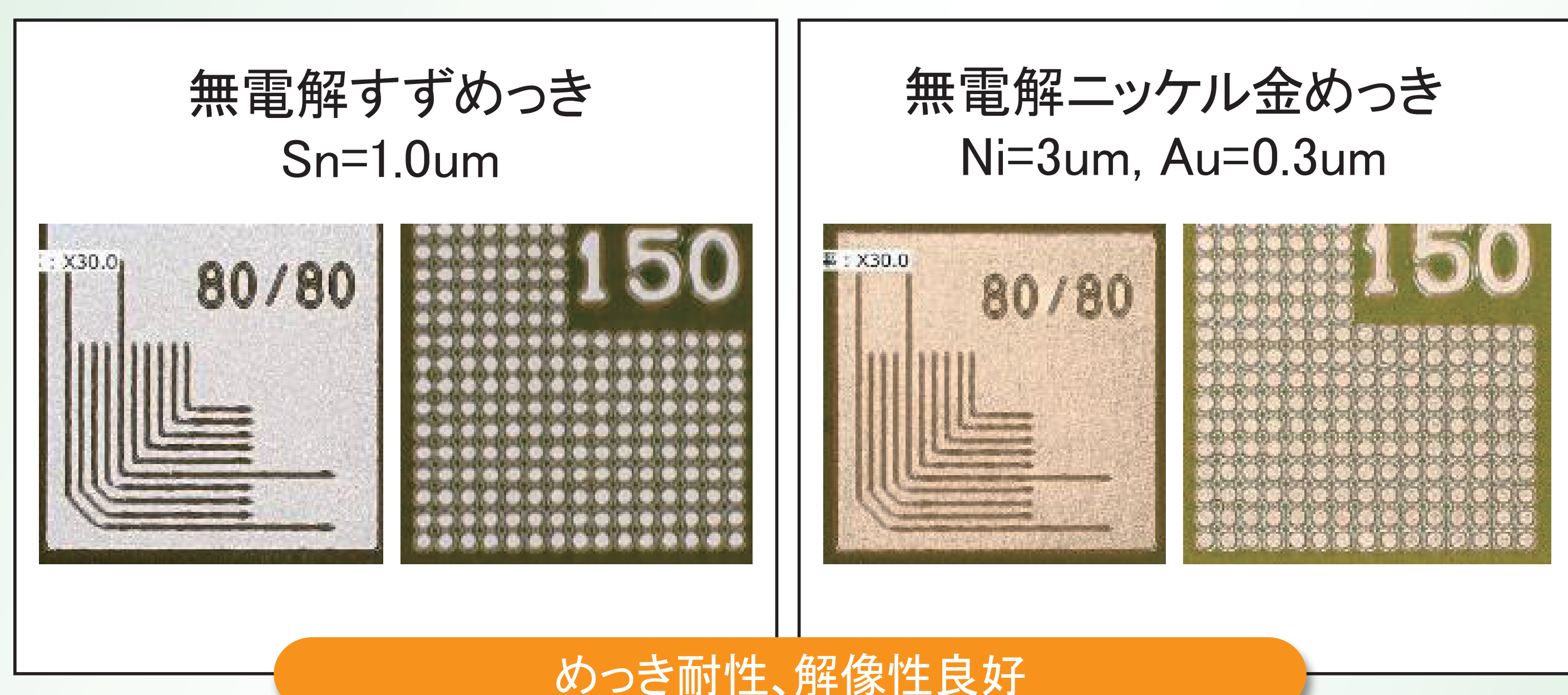
従来法によるSR形成工程



Compatible with inkjet marking ink

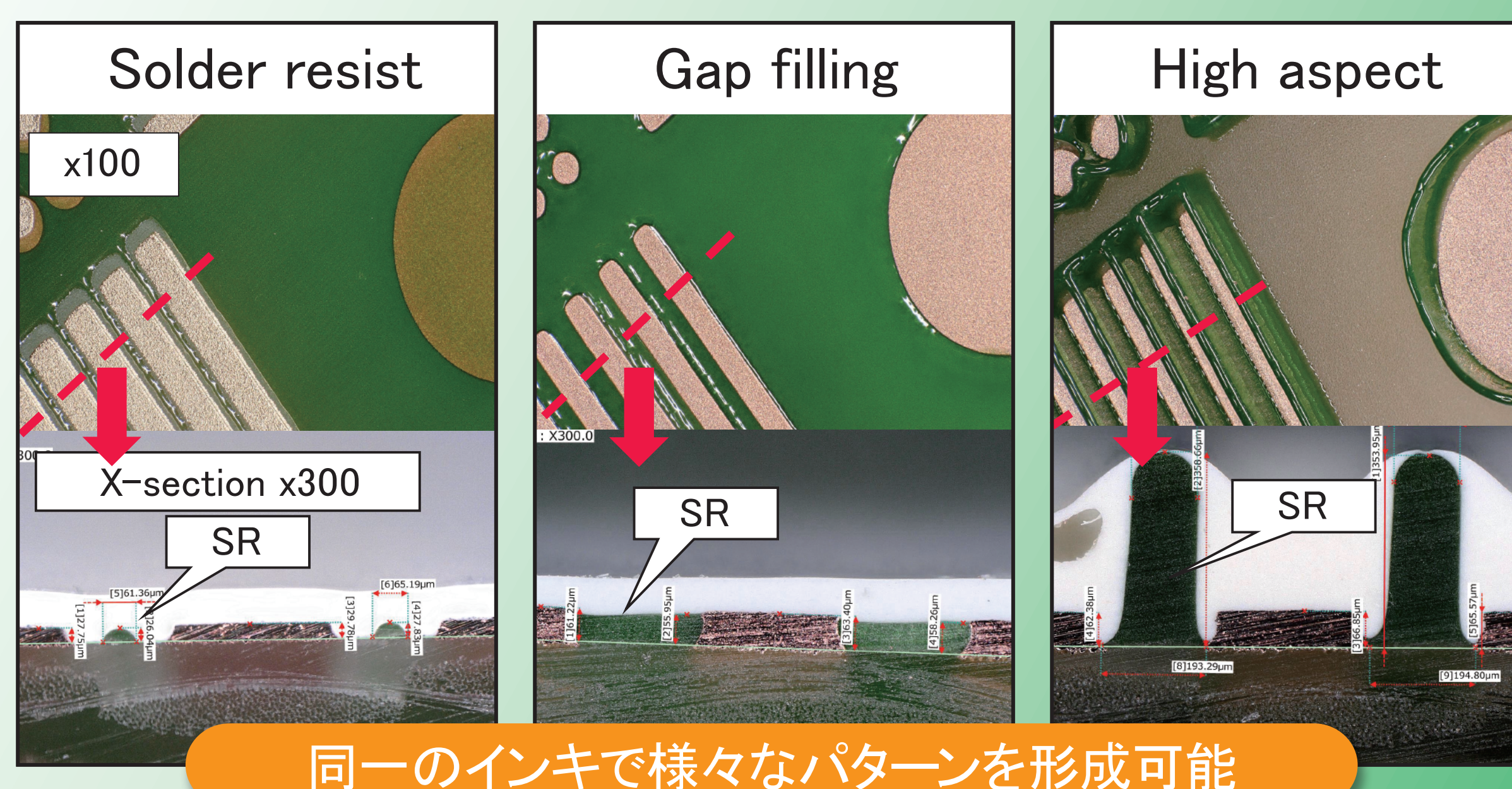
Process			Adhesion of marking
1	Print solder resist	IJSR-4000 JM02G	
2	Print Marking	IJR-4000 MW401A	
3	Thermal cure	150°C60min	
			Pencil Hardness 8H

IJSR-4000 JM02G めっき耐性



めっき耐性、解像性良好

IJSR-4000 JM02G パターン形状



同一のインキで様々なパターンを形成可能



TAIYO INK MFG. CO., LTD.