

Impex Leiterplatten GmbH * Gewerbestraße 551 * 5582 St. Michael i. Lg.

eXOS exposure system

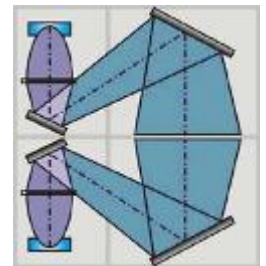


Description

Semiautomatic pcb exposure system
2 exposure frames, different jobs in frame A and frame B possible
Automatic film to film alignment
Automatic panel to film alignment

POK - light technology

POK - Lighting (double sided)
Light source: air-cooled metal halide - Spots 5 kW
Uniformity: + / - 15%
Intensity: 25 - 30 mW / cm² (measurement: IL-390)
Achievable resolution: 75 microns, depending on material

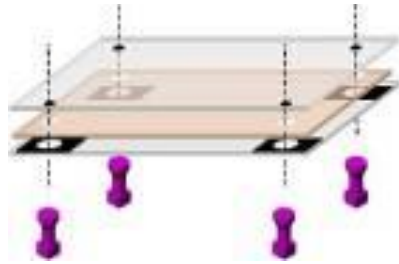


Alignment





Outer layers:

Top film will be aligned in reference to hole



RePanel formats / Exposure formats / Technical data

Min. panel thickness:	100 µm basic material
Max. panel thickness:	0 – 4 mm
Min. Panel format:	250 x 250 mm (10" x 10")
Max. Panel format:	610 x 710 mm (24" x 28")
Spacer:	Single spacers or complete
spacer frame	
Alignment accuracy exposure frame:	+/- 15 µm
Electrical supply:	18 KW
Cooling water:	3,5/6 m ³ /h
Air pressure:	6 bar, ca. 6 m ³ /h
Footprint:	WxDxH: 1250x3300x2100 mm
Weight:	ca. 2300 kg

 <p>1</p> 	<h2>eXos Exposure system</h2> <ul style="list-style-type: none">- POK light source- Vacuum pumps- Multilingual display- Windows XP Professional- Operator manual in duplicate, paper form- No cooling unit included <p>2 x Exposure frames Bottom glass fix with X/Y registration pins, top glass moveable by stepp motors in X, Y and Phi direction</p> <p>4 CCD camera system bottom</p>