



ANCHOR INDIA
AUTOMATIONS



ONE MACHINE, DIGITAL AND ANALOG

AIA Scanning LED Exposure

This exposure unit combines a scanning UV-LED array in the lower vacuum bed with Philips UV tube lamps in the upper cover.

MODELS	MAX. PLATE SIZE	SUPPLY	CONTROL
3	1067 × 1524 mm to 1321 × 2032 mm	220 V single phase / 380 V three phase	Touch screen

WHY IT MATTERS

Where it changes your plate room

- 1 One machine for both digital LED exposure and conventional film-based plates
- 2 Water-cooled, servo-driven LED array for even energy across the full bed, without heating the glass
- 3 Scanning exposure avoids serrated edges on ultra-fine lines and gives consistent full-pattern exposure



TECHNICAL PARAMETERS

All 3 models, side by side

Sized by maximum plate. AIA-SX5280 reads as scanning exposure, 132 cm x 203 cm maximum plate. Read across a row for one machine, or down a column to compare.

MODEL	MAX. PLATE SIZE	RATED POWER	DIMENSIONS (L×W×H)	NET WEIGHT
AIA-SX4260	1067 × 1524 mm	11 kW	2790 × 1570 × 1090 mm	600 kg
AIA-SX4280	1067 × 2032 mm	12 kW	3270 × 1570 × 1090 mm	700 kg
AIA-SX5280	1321 × 2032 mm	13 kW	3270 × 1830 × 1090 mm	800 kg

Dimensions are stated as length × width × height. Figures are nominal and may change without notice as products are developed.

COMMON TO EVERY MODEL

Shared platform

Light sources	Scanning UV-LED array (bed) + Philips UV tubes (upper cover)
Plate compatibility	Digital photopolymer and conventional film-based plates
Vacuum platform	Breathable vacuum leather pad, full-bed contact
LED cooling	Water-cooled matrix, non-heating glass
Exposure drive	Servo-driven scanning head, equal energy per position
Exposure control	Touch screen; scan speed and exposure count set per photosensitive adhesive
Power supply	380 V AC, single phase, 50/60 Hz

IN USE

On the production floor

Vacuum contact keeps plate and film closely and evenly fitted	Scanning exposure resists serrated edges on ultra-fine lines
Non-heating glass bed protects against film deformation	Touch-screen control of scan speed and exposure count per job
Instant on/off LED source, no warm-up delay between exposures	

Ready to specify a system?

Tell us your plate sizes, daily volume and quality targets and we will recommend the right model.

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Specifications are nominal and model dependent, and may change without notice as products are developed. Confirm all figures against a written quotation before they are relied upon for plant layout, electrical provision or purchase.