

# Sprint -120



PCB Division

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# Sprint-120

## General overview

- New UV LED curing system air cooled
- New air scrubber system
- No chiller

# Sprint-120 Specs

specifications	Sprint-120	
Max. Panel & Image	30.9" x 24.4" 785 x 620mm	
Min./Max. Panel Thickness	4 – 335 mil (0.1 - 7.5 mm)	
Total Number of Nozzles	2048	
Min./Max. Resolution	720 / 1440dpi	
Min. Line*	3mil (75µm)	
Min. Text Height**	20mil (0.5mm)	
Registration Accuracy***	± 1.4mil (± 35µm)	
Depth of Focus	60 mil (1.5mm)	
Print time and Throughput****	Net print time [sec.]	Sides/hour
Production (1440 x 720dpi)	26	62
High (1440 x 1440dpi)	54	42
Alignment	User selectable 3 or 4 point registration, CCD camera, manual or automatic	
Print Mode	True side A-A or side A-B	
Print Head	Dot size: 70µm Drop volume: min.12pl	
Software	Software RIP, Windows, 274x input, Push-to-Print, Multilanguage	
Ink	Multiple inks from leading material suppliers Standards & Certifications: UL 94V-0, MIL-55110, MIL-31032, ASTM E 595, IPC-650, RoHS, REACH, Halogen Free	

\*Requires special print mode  
 \*\* High print mode  
 \*\*\* FTG, 3σ, Full format  
 \*\*\*\* Throughput figures are for 17"x23" image area including: handling, 4 Pt. registration, alignment, scaling and other movements.



# Sprint-120: advantages

- Low cost of operation

- ⊙ UV LED life time (enhancing the lifetime of the UV source from 1500 hours to > 15000 hours)

- ⊙ No chiller needed

- Enhancement of 1 pass mode printing quality

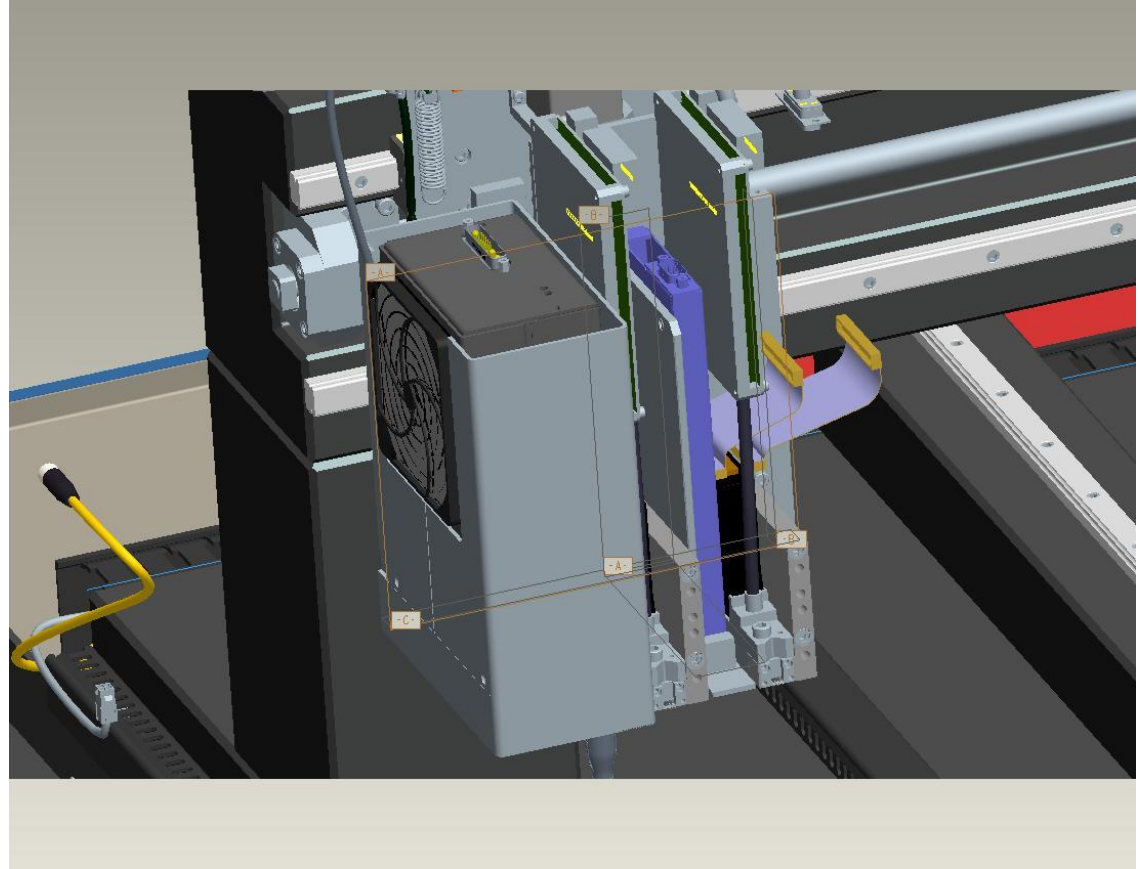
- ⊙ good printed filled area

- ⊙ preservation of small features and lines width

# Sprint-120 : UV LED

## UV LED solution for Sprint-120

- New UV LED device
- Air cooling system  
→ **No chiller needed**



# Sprint-120 AIR SCRUBBER

## Air scrubber solution for Sprint-120

- Filtered air, no pollution

