



## UV LED Light Sources

## G5HN

## G5HN Technical Data Sheet

- High dose model - Nitrogen purging unit equipped to G5H model
- Achieved higher irradiance and dose comparing with G5AN model for superior curing capability



G5HN

Model		G5HN			
Specs	Cooling method		Air-cooling		
	UV Wavelength		365 ± 5nm	385 ± 5nm	395 ± 5nm
	Dimensions (Connectors excluded)		W 80.3mm × D 161.7mm × H 181.7mm		
	Weight		1.8kg		
	Power consumption		0.86kW		
	Interlock		"Temp error", "Current error", "Fan error"		
	Dimming voltage		1V(10%)-10V(100%)		
	Recommended nitrogen purity*1		Higher than 99.9%		
	Environment temperature/humidity		Operating	0-40° C/ 30-85 % (without bedewing or freezing)	
		Storing	0-50° C/ 30-85 % (without bedewing or freezing)		
Features	UV irradiation width		80mm		
	Peak irradiance *2 *4	WD=0mm	16W/cm <sup>2</sup>	24W/cm <sup>2</sup>	
		WD=10mm	9W/cm <sup>2</sup>	12W/cm <sup>2</sup>	
	Dose *2 *3 *4		300mJ/cm <sup>2</sup>	400mJ/cm <sup>2</sup>	
	Estimated life expectancy		15,000 hrs (70% compared to initial peak irradiance)		

\*1 May vary by the UV ink used and printing conditions

\*2 Ultraviolet irradiance meter : UIT- θ LED (USHIO)

\*3 Transport speed: 50m/min

\*4 Peak irradiance and Dose values measured just after the LED light is dimmed.

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\*All the data in this data sheet is based on Kyocera's own research unless otherwise noted.

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