M3200-UV / M5000-UV

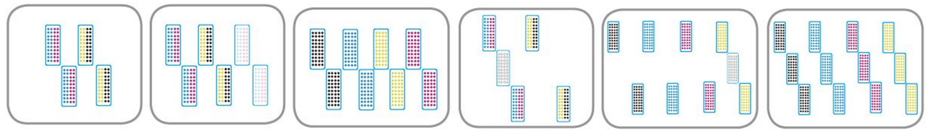
UV Roll-Roll Printer



Grando UV Ink

C M Y K LC LM W V

Print head base supports up to 12 print heads .





>> Technical Characteristics

■ Use LED curing technology with temperature cooling system, extend UV lights' working life and leads to lower energy consumption.

■ Standard CMYK + LcLm configuration performs wider color gamut and better color transition from light to dark color.

■ Stable media feeding system and strong feeding compensation ensures high quality printing without banding.

■ Firm structure with up to 16mm thick beam, strong and high quality rubber rollers provide more stable media feeding than printers with pinch rollers.

● Technical Specifications

		M3200-UV	M5000-UV		
HEAD TYPE		Ricoh Gen5 / Gen6			
HEAD CONTROL		Variale Ink Droplet			
HEAD NUMBER		4-12 pcs optional			
HEAD CLEANING		Manual Positive and Negative Pressure Clenaning Device			
RIP SOFTWARE		ONYX			
INK	TYPE	UV Ink			
	COLOR	C/M/Y/K/LC/LM/W/Varnish			
	INK CAPACITY	1L			
MEDIA	TYPE	Mantle,Car Sticker,Flex etc.			
	MAX PRINTING WIDTH	3200mm	5000mm		
	TRANSMISSION	Motor High Resolution Rubber Covered Roller Transfer System			
DRYING SYSTEM		LED UV Light			
PRINTING SPEED	DRAFT MODE	45 sqm/h (4xG5-CMYK)	63 sqm/h (4xG6-CMYK)	80 sqm/h (4xG5-CMYK)	112 sqm/h (4xG6-CMYK)
	PRODUCTION MODE	36 sqm/h (4xG5-CMYK)	50 sqm/h (4xG6 -CMYK)	60 sqm/h (4xG5-CMYK)	84 sqm/h (4xG6-CMYK)
	QUALITY MODE	25 sqm/h (4xG5-CMYK)	35 sqm/h (4xG6-CMYK)	40 sqm/h (4xG5-CMYK)	56 sqm/h (4xG6 -CMYK)
TRANSMISSION SYSTEM		USB 3.0			
POWER SUPPLY		AC220V (±10%), 50/60Hz			
POWER CONSUMPTION		6KW			
ENVIROMENT		Temperature： 18 ℃-29 ℃ Humidity： 50%-80%			
WEIGHT	PRINTER DIMENSION	5,960(W) x 915(D) x 1,720(H)(Unit : mm)	7,7600(W) x1,760(D) x 1,890(H)(Unit : mm)		
	PACKING DIMENSION	5,980(W) x 1210(D) x 2,050(H)(Unit : mm)	7,950(W) x 2,100(D) x 1,820(H)(Unit : mm)		
DIMENSION	PRINTER WEIGHT	1,850Kg , 4,079lb(Pound)	3,850Kg , 8,488lb(Pound)		
	PACKING WEIGHT	2,500Kg , 5,512lb(Pound)	4,500Kg , 9,921lb(Pound)		

>> Configuration:

1.Separate capping station for each print head protects it from dirt.

2.Standard Panasonic high-power motor and motor driver ensures high precision response of movement, achieving high speed printing with excellent stability and precision even in long term printing.

3.M3200UV use industrial PLC control module to realize accurate media movement and the tension bar to increase the tension and smoothness of media, achieving high quality printing.

4.THK high quality mute guide rail.

5.Adopt high quality gear motor to control media feeding more accurately especially for soft media like soft film.

6.Optional metal encoder strip helps for more stable and accurate carriage horizontal movement.

