

Flora PP 2512UV Turbo PRINTER

TECHNICAL SPECIFICATIONS

Print	
Print head	8-16 Konica Minolta
Print modes	Konica Minolta Speed mode: 67 sqm/hr Production mode: 48 sqm/hr Quality mode: 36 sqm/hr Ultra Quality: 24 sqm/hr
Print resolution	Up to 1440 x 1440 dpi
Technology	Piezoelectric inkjet, UV-curable inks, Greyscale technology
Ink types	UV-curable, pigment-based ink
Ink cartridge colors	Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, White (optional), Varnish (optional)
Ink cartridge size	4 liter (Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, White, Varnish)
Rip software	Photoprint Flora Edition, Onyx (Optional)
Color management	ICC based color, adjustment curves, density adjustment
File formats	TIFF, JPEG, Postscript, EPS, PDF, etc.
Media	
Handling	Flatbed, sheet feed, and roll feed with optional Roll-to-Roll upgrade kit. True vacuum table, automatic media registration pin system for easy loading and accurate printing step. With optional pump blow make it easy to unload media
Rigid media support	Standard true flatbed table support rigid materials up to 254 x 122cm, 50kg/sqm
Roll-feed media support	Optional Roll-to-Roll upgrade kit supports flexible media up to 250cm wide, with a roll dimension 30cm, up to 100kg in weight
Thickness	Up to 100 mm
Connectivity	
Interfaces (standard)	Fast standard USB port
UV energy source	
	Dual shuttered UV lamps, Independent user selectable control of shutter aperture and two lamp power level
Dimensions (l x w x h)	
Printer	480 x 260 x 144 cm
Shipping	500 x 246 x 150 cm
Weight	
	2000kg
Operating conditions	
Temperature	20 to 30°C
Relative Humidity	20% - 80%, non-condensing (with synthetic media 40% minimum recommended to avoid static electricity; with paper-based media 60% maximum recommended to avoid buckling)
Power	
Maximum	8500 watts
Requirements	Input voltage: 200 to 240 VAC, signal-phase, 50/60 Hz, 32A max
Warranty	
	One year limited warranty. (please consult your local dealer for accurate data)

FOR MORE INFORMATION, VISIT OUR WEBSITE AT

www.floradigital.com.cn www.floradigital.com

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Digital Printing System

Flora PP 2512UV Turbo PRINTER

Hi-res wide format digital printing system

Hybrid UV flatbed printer



- Greyscale Print heads, variable drop size from 14 to 42 picolitres
- Outstanding Speed up to 67 sqm/hr
- Full bleed 2.54m×1.22m true flatbed
- White ink, Spot, Over, Under, inline & Varnish solution
- Three Layers printing innovations(CMYK+W+CMYK)
- Speciality inks for glass, acrylic, vacuum forming & more

We manufacture one of the

Finest, Long-lasting, Outstanding, Reliable, and Affordable digital printing systems

That's why our company stands by its name

Flora PP 2512UV Turbo PRINTER

Hi-res wide format digital printing system
Hybrid UV flatbed printer



1. Automatic Anti-crash Sensor

The safety anti-crash sensor design can detect the media circumstance beforehand and protect the print heads from a crush hazard. While the anti-crash sensor detects that the edge of media is cocked, the machine will initiate an emergency stop to prevent print head from damage.



2. Variable Color Configuration + Easy Upgrade

PP2512UV offers YMCK, in 8 P/H; YMCKW, in 10 P/H for printing on dark/transparent media; YMCKLcLm, in 12 P/H for higher resolution; YMCKLcLmW, in 14 P/H; YMCK in 16 P/H for mass production; or YMCKLcLmWV, in 16 P/H for extra ordinary mass special application. With polaris print head.



3. Roll-feed media support optional Roll-to-Roll

Optional Roll-to-Roll upgrade kit supports flexible media up to 250cm wide, with a roll dimension 30cm, up to 100kg in weight.



4. Auto Media Calibration

The auto media calibration pin automatically detects and gauges the distance between the print heads and loaded media then automatically adjusts to the optimized print height based on the thickness of the loaded media.



5. White Ink Recirculation

PP2512UV offers eight major utilizing white ink applications. White ink recirculation results in an effective elimination of ink starvation and protects print heads from clogging hazard.



High Resolution and Brilliant Quality Images Output

Greyscale print heads that produce exceptional image quality, saturated colors and smooth gradations.

Dedicated White Ink









PP2512UV offers eight major utilizing white ink applications as a base, overcoat, fill color, under spot color, over spot color, spot color. etc. Applying white ink is the most common application for dark or transparent substrates to highlight and present the most vivid of graphic.

Varnish Solution

PP2512UV's optional varnish not only enhances the visual quality but also creates the tactile attribute of graphics. Users are able to apply varnish directly on graphics via print heads as either an all-over coating or as a spot-highlighting, giving your printings more vivid and brighter finish.

Three Layers Printing Innovation

Three layers (such as: CMYK + W + CMYK) printing intellectualized controlled by software, which can carry out synchronously double side printing on any transparent Substrata.

Spot white under mode	Spot White three layer	Overcoat mode
<p>1-Red Acrylic Media</p> 	<p>1-First CMYK layer was printed</p> 	<p>1-CMYK Layer was mirrored for printing transparent media</p> 
<p>2-The spot whit was printed under the body profile to create more details</p> 	<p>2-Spot White was printed in the middle to active more saturation on body profile in dual printing</p> 	<p>2-White color was printed to overcoat the whole image as a background</p> 
<p>3-Final art</p> 	<p>3-Final art shows more saturation on body profile</p> 	<p>3-Final art when looking from the other side</p> 