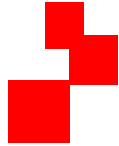




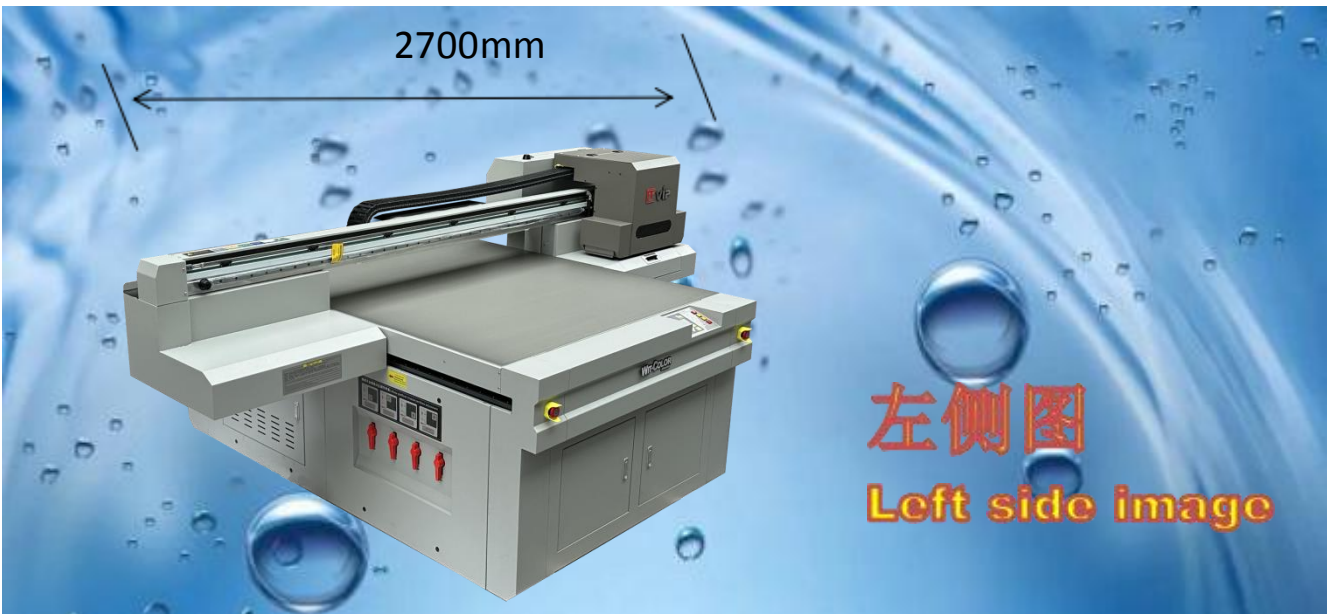
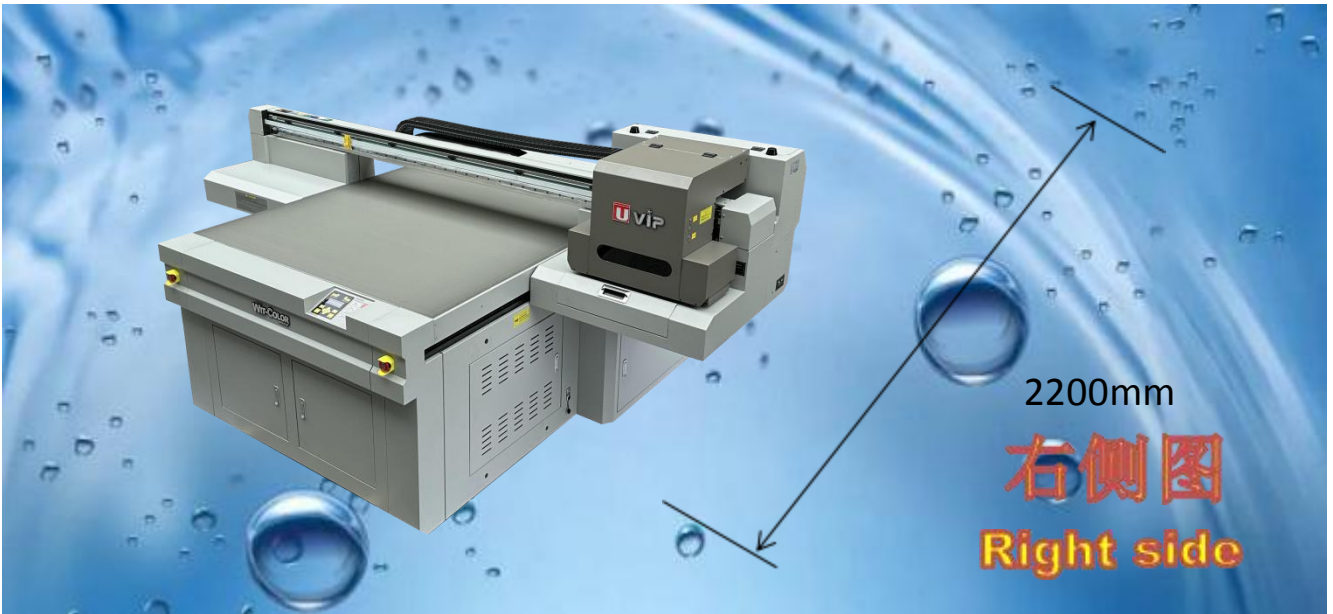
UVIP 1316



WIT-COLOR[®]
Digital

Introduction of Wit-Color UVIP 1316 Flatbed Printer





一、 Product Introduction

Wit-color UVIP 1316UV flat-panel printer uses gray-level nozzle, support gray-level printing technology. The printing format is 1200mm * 1500mm, with automatic white cover, white background, turn white and other white printing mode, can be configured with 3-4 nozzles, support light oil layer, make its screen more gloss. Its characteristics are easy to print, high precision, durable, low maintenance costs. With a small footprint, personalized custom printing, printing high-quality samples, small batch production, machine stability, low failure rate, can adapt to a variety of environments and other advantages. Full computer operation, no physical key operation, higher precision, faster efficiency! It can be printed not only on tough materials such as crystal, metal, glass, plastic and stone, but also on soft materials such as leather, cloth and cotton It can be printed on inorganic matter, but also can be printed on the composition of complex, variable organic matter. On the material has more and better compatibility, the use of flat-panel inkjet color printing machine to avoid screen printing, water transfer printing material selection problems, also avoid the heat transfer of leather, cloth, cotton and other organic material damage. It caters to the needs of market diversification, can better provide users with more comprehensive production services.

★ Applicable material

UV flat-panel color printer can print high-precision image on the surface of the object material. Such as: Plastic (ABS, PC, TPU, PE, PP, etc.) , metal, crystal glass, ceramics, acrylic, leather, wood and bamboo materials, stone and other components of complex organic objects.

★ Applicable to inkjet products

Porcelain and ceramic background wall, glass sliding door screen, 3C panel, leather shoes and boots, leather bags, cabinets and wardrobes, ... Panel, U disk, card, mobile phone case, MP3/MP4, mobile hard disk, notebook computer, gift, toy, stationery, furniture, all kinds of personalized products...

★ Application area

Special Printing and handicrafts, mobile phone shell production and other industries. Can replace or combine screen printing, pad printing, transfer printing, water transfer printing, offset printing and other processes, give full play to its advantages to reduce costs, improve efficiency;

二、 Technical Parameter

Type of equipment	1316-W+C/W+C+V
Print size	1200*1500mm
Nozzle type	I3200
Nozzle type	EPS Piezoelectric nozzle printing
Print mode	One Way/Two Way
Print speed	5-12m ² /Hour (According to the configuration, precision, nozzle decision)
Ink Color	K.C.M.Y.W.V + LC/LM
Number of nozzles	W+C / 2H W+C+V / 3H
Ink Type	UV Ink (Hard/Soft)
Print Height	0-120mm
Up and down mode	Automatic Carriage Height Measuring Function
Suitable medium	Sheet metal, acrylic, ceiling, leather, stone, PVC, Chevrolet, plexiglass, etc.
Medium type	Soft/hard Boards
Control system	HOSON Control System-Internet
Data interface	Gigabit port
RIP Rip Software	UV Photoprint Rip Software
Input format	TIFF/JPEG/PDF ETC
Power	220V,50HZ/60HZ,4000W,Reliable grounding
Equipment Power	3500W
Operating EnvironmentTemperature : 18~28℃ Humidity 46-65%	
Curing mode	UV LED water cooling cycle curing
Equipment size	1900*2700*1550mm
Packing size	2050*2880*1620mm
Equipment Weight	400KG
Packing weight	520KG

三、Product Characteristics



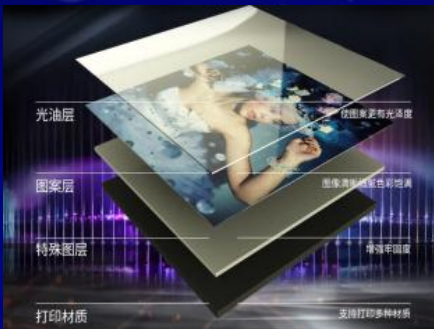
1. 喷头类型EPSON I3200压电喷头

Nozzle type Epson I3200 piezoelectric nozzle

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2. 白彩同步打印功能

White color synchronous printing function 白色、彩色的2层打印可以一次进行，支持白彩浮雕效果同出，效率成几何倍数提升；横向纵向均可实现多种打印方式，彩色或白色铺底盖面自由设置。具备自动盖白，白底，转白等多种白色打印模式，可配置3个喷头，支持光油层，使其画面更具光泽度。White and color 2-layer printing can be carried out at one time, supporting the same relief effect of white color, and the efficiency is improved geometrically. Horizontal and vertical can achieve a variety of printing methods, color or white cover free setting. With automatic cover white, white background, white and other white printing mode, can be configured with 3 nozzles, support light oil layer, so that the picture more gloss.



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3. 白墨自动搅拌功能

White ink automatic mixing function

白墨搅拌，缺墨报警：缺墨独立报警系统，白墨板卡自动控制搅拌功能，白墨不沉淀。

White ink mixing, ink shortage alarm: independent ink shortage alarm system, white ink card automatic control mixing function, white ink does not precipitate.



4

对应介质厚度0-120mm

打印介质



4. 打印介质高度 Print medium height

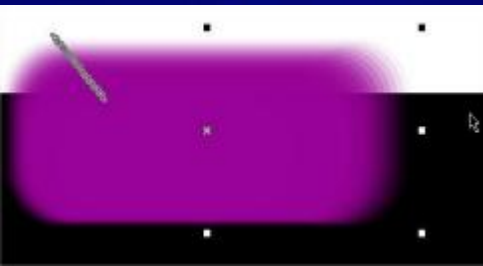
横梁自动升降控制，介质高度0-120mm自由调节
Beam automatic lifting control, medium height 0-120mm free adjustment



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5.可变墨滴技术
Variable ink drop technique

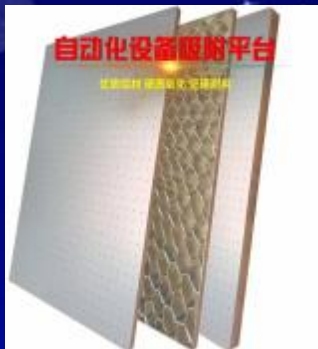
采用最新的压电打印喷头，可根据打印材料的不同选择不同的墨滴组合，在提高打印速度的同时，满足画面对色彩密度的要求，确保输出的图像准确，层次分明，过度均匀。Using the latest piezoelectric printing nozzle, different ink drop combinations can be selected according to different printing materials, which can improve the printing speed and meet the color density requirements of the screen to ensure that the output image is accurate, hierarchical and overly uniform.



6

6.智能羽化模式
Intelligent feather mode

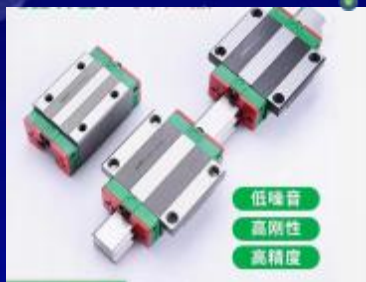
打印边缘羽化，自动修正步进误差，跳白等丰富的软件功能；智能羽化模式，提供三种固定模式及自定义模式可供选择。Software functions such as printing edge feathering, automatic correction of stepping error, jumping white, etc. Intelligent feathering mode provides three fixed modes and custom modes optional.



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7.打印平台
Print Platform

硬质氧化打印平台：硬质氧化表面处理，蜂窝真空平台，面板沉孔，分块吸附。X、Y均带刻度尺，吸风分为A，B，C，D四个区域。Hard oxidation printing platform: hard oxidation surface treatment, honeycomb vacuum platform, panel sinking hole, block adsorption. X, Y are with A scale, suction is divided into A, B, C, D four areas.



8

8.高精度静音直线导轨
HIGH PRECISION SILENT LINEAR Guide Rail

采用台湾双静音滑块，平稳性高，噪音小，寿命长

Taiwan double mute slider, high stability, low noise, long life



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9.高性能丝杆

High performance screw

Y轴传动丝杆：采用台湾TBI高精度研磨丝杆，高精度，低噪音，耐磨损。
Y-axis ball drive screw: Taiwan TBI high precision grinding screw, high precision, low noise, high wear resistance.



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10. 交流伺服电机

配备 雷赛400W交流伺服电机，确保 电机功率充足，运行平稳，使用寿命长
Equipped with Raycel 400W AC servo motor to ensure sufficient motor power, smooth operation and long service life.



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11.水冷LED UV灯

Water cooled LED UV lamp

可任意调整光照强度，可以适应不同产品和UV墨水打印，LED等的寿命是汞灯的五倍；
The light intensity can be adjusted arbitrarily, which can adapt to different products and UV ink printing, and the life of LED is five times that of mercury lamp.



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12.进口高速静音拖链

Imported high speed silent drag chain

高速静音拖链：采用进口高速静音拖链，运行平稳，静音，大大减少线束磨损
High-speed silent cable carrier: imported high-speed silent chain, smooth operation, quiet, greatly reduce wire harness wear.



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**13. 独立喷头加热系统
Independent nozzle heating system**

Printheads preheating: Printhead independent heating system to ensure normal operation at low temperature.

14



**14. 打印控制系统Print Control System
配备HOSON打印系统，稳定可靠！
Adopted with HOSON Control System
with most stability !**

15



**15. 防撞功能Collision Avoidance
Function**

撞击高物品，触发防撞功能，机器停止工作，可续打。The anti-collision function can be triggered when meeting collision, at the same time printer stops working. After that printer can continue to print.

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**16. 废墨报警功能Waste ink alarm
function**

当废墨瓶墨水达到需要清理的时候，报警灯蜂鸣闪烁报警。When the waste ink bottle ink needed to be cleaned up, the Alarm light will buzze and blink to alarm.

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17.传动轴承部件
Drive bearing assembly

采用日本恩斯克轴承，寿命牢靠
The use of Japan's ENSK bearings,
reliable life

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17.吸风系统Suction system

配备1500W大功率高压涡轮风机 (带消音器)

Equipped with 1500W high-power high-pressure turbine fan (with Silencer)

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19. 机器结构Machine structure

全结构式方钢主梁，龙门加工，精度保障，机身稳重,寿命长,精度高。Full-structure square steel main beam, gantry processing, precision guarantee, stable fuselage, long life, high precision.

四、Industry Application

Digital shell industry (mobile phone case), building materials industry (tile wood floor), home improvement industry (background wall ceiling), craft and gift industry (ceramic jade wood carving), glass industry (wall glass), packaging industry (gift packaging box), leather industry (leather mat), metal industry (retro iron decoration), furniture industry (furniture wood door), Plastic industry (plastic table mat), advertising industry (PVC sign acrylic), toy industry (wooden children's puzzle)

范围广

行业应用

Industry Application



数码外壳行业

手机壳



建材行业

瓷砖 木地板



家装行业

背景墙 天花板



工艺礼品行业

陶瓷玉石木雕



玻璃行业

隔墙玻璃



包装行业

礼品包装盒



皮革行业

皮革皮垫子



金属行业

复古铁皮装饰



家具行业

家具木门



塑胶行业

塑胶桌垫



广告行业

PVC指示标牌亚克力



玩具行业

木质儿童拼图