

## Description:

APEX UV6090 [digital UV flatbed printer](#) is the super classic UV machine with excellent design. It is our classic UV series with [clean](#), [automatic height detector](#), [water cooling system](#), [UV light adjustable](#), etc functions.

This model uses [Epson DX5 printhead](#) it can print on any flat material and round objects such as bottles, mugs, pens, golf balls, acrylic, wood, metal, crystal, plastic, phone cases etc. With the Epson DX5 printheads, the print quality is very perfect in details, even [human face print](#).

If you need a machine at a good price and want to print round shapes like bottles, UV series: [UV4060 / 6090](#) is highly recommended whether you are using one [bottle or mug uv printer](#), [phone case uv printer](#), or [acrylic uv printer](#), etc.

## Ultra High Precise Printing

### Performance of Apex UV6090

**Max Printing Size:**

60x90cm

**Application:**

Print directly on almost anything



## COLOR SCHEMES



EPSON DX5 Print Heads Arrangement (1pc Head)  
UV4060/UV6090/N4060/N6090: Single Head 8 Channels

Print Heads Color	Print Heads Quantity	Color Arrangement	Print Area
4color+4white	1pcs	K C M Y W W W W	60*40cm, 60*90cm
4color*2	1pcs	K K C C M M Y Y	60*40cm, 60*90cm
4color+2white+2varnish	1pcs	K C M Y W W V V	60*40cm, 60*90cm
6color+2white	1pcs	K C M Y LC LM W W	60*40cm, 60*90cm

# 360° Full Image Mug Printing

By APEX  
Digital UV Printer



## Feature:

- \* Can print directly on any material
- \* Ideal for high-speed industrial bulk production
- \* Finished products are Waterproof, UV-resistant and Scratch-resistant Finished product is suitable for outdoor use
- \* Max print size: 90 \* 60cm
- \* The printing machine can print white color
- \* Epson DX5 (Nozzles 180 \* 8) Print head

**YOUV Flatbed printer Automatic height sensor function:** Smartly detect the distance between media and print head



**Clean:** Cleaning can be performed without connection to PC.

**Water cooling system:** Due to the high specific heat capacity, density and thermal conductivity of water, water can more easily transfer heat. This allows the UV LED light to cool more efficiently to extend its life.

**Adjust UV light brightness:** Adjust the brightness of the UV light to the curing needs.

**Special luminaires, bulk production:** To increase the production of special products, Apex supplies specific luminaires that enable batch printing. Contact us now to customize your unique luminaires for

special promotional items.

### Vacuum table:

1. Consists of a typical flat, rigid surface with small holes to exhaust air under a workpiece, to apply varying vacuum between the desired workpiece and the table to maintain a clamping force.
2. To make the soft impression materials such as leather smoother and smoother, to get the best printing result.

### Specification:

<b>Model No.</b>	UV6090
<b>UV curing system</b>	UV-LED water cooling system
<b>Materials to be printed</b>	metal, plastic, glass, wood, ceramic, acrylic, leather, pen, bottle and cups, etc.
<b>Max. Print format</b>	23.62 " * 35.43" (60 * 90cm)
<b>Max. Print gap</b>	LED UV lamp (air cooling) / water cooling
<b>Max. Print format</b>	24 " * 41 " (60 * 90cm)
<b>Max. Print gap</b>	14cm (5.51 ")
<b>Energy consumption</b>	380W
<b>Required power</b>	50 / 60Hz 220V (± 10%) <20A
<b>Environment</b>	20 ~ 28 °C HR40-60%
<b>Printhead</b>	Epson DX5 (nozzles 180 * 8)
<b>RIP software</b>	SAi PhotoPrint DX
<b>Software language</b>	English / Chinese / German / Italian / Japanese / Korean / French / Finnish / Dutch / Portuguese / Spanish
<b>Operation system</b>	Windows 7 / Windows 8 / Windows 10
<b>Ink type</b>	UV ink
<b>Ink color</b>	KCMY + WWWW / KCMY + KCMY / KCMY + WWVV
<b>Ink supply system</b>	CISS built-in with ink bottle
<b>Couple</b>	USB3.0
<b>Gross weight of the machine</b>	285kg
<b>Dimensions of the machine</b>	156 * 146 * 89 cm
<b>Packing up</b>	Strong wooden package with full foam

### Display:

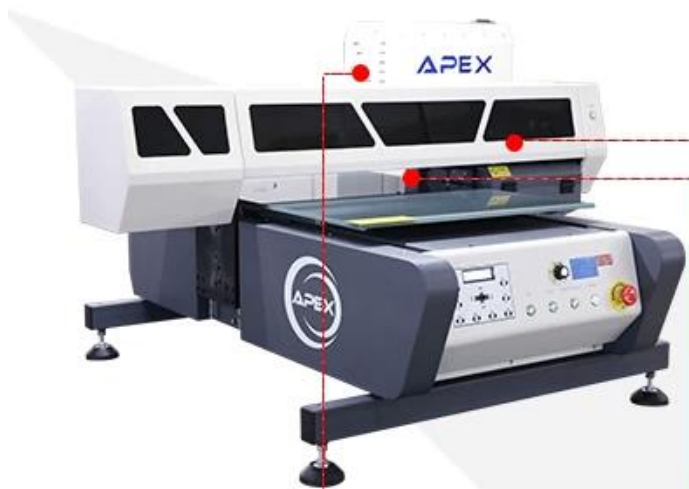
# Digital UV Flatbed Printer





# Advantage



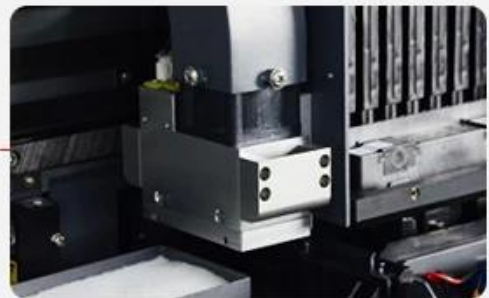


**1** Direct print on almost all materials; Water-proof, UV proof, Scratch proof; High resolution



### **3 Stirring System for White Ink**

- Effectively reduce printer head clogging
- Measurable ink amount
- Controller of ink supply
- Reduce ink Oxidating



**2** Damper is the part to connect print head with ink supply and stock the ink temporarily for printer head. Damper must be kept sealed when machine is working.



### **4 Water Cooling System**

Water's high specific heat capacity, density, and thermal conductivity, allows water to transmit heat more easily. So it can more efficiently cool down UV LED light, in order to prolong its lifetime.



### **5 Contoler Panel**

Easy Operation, Fashionable Design

Clean



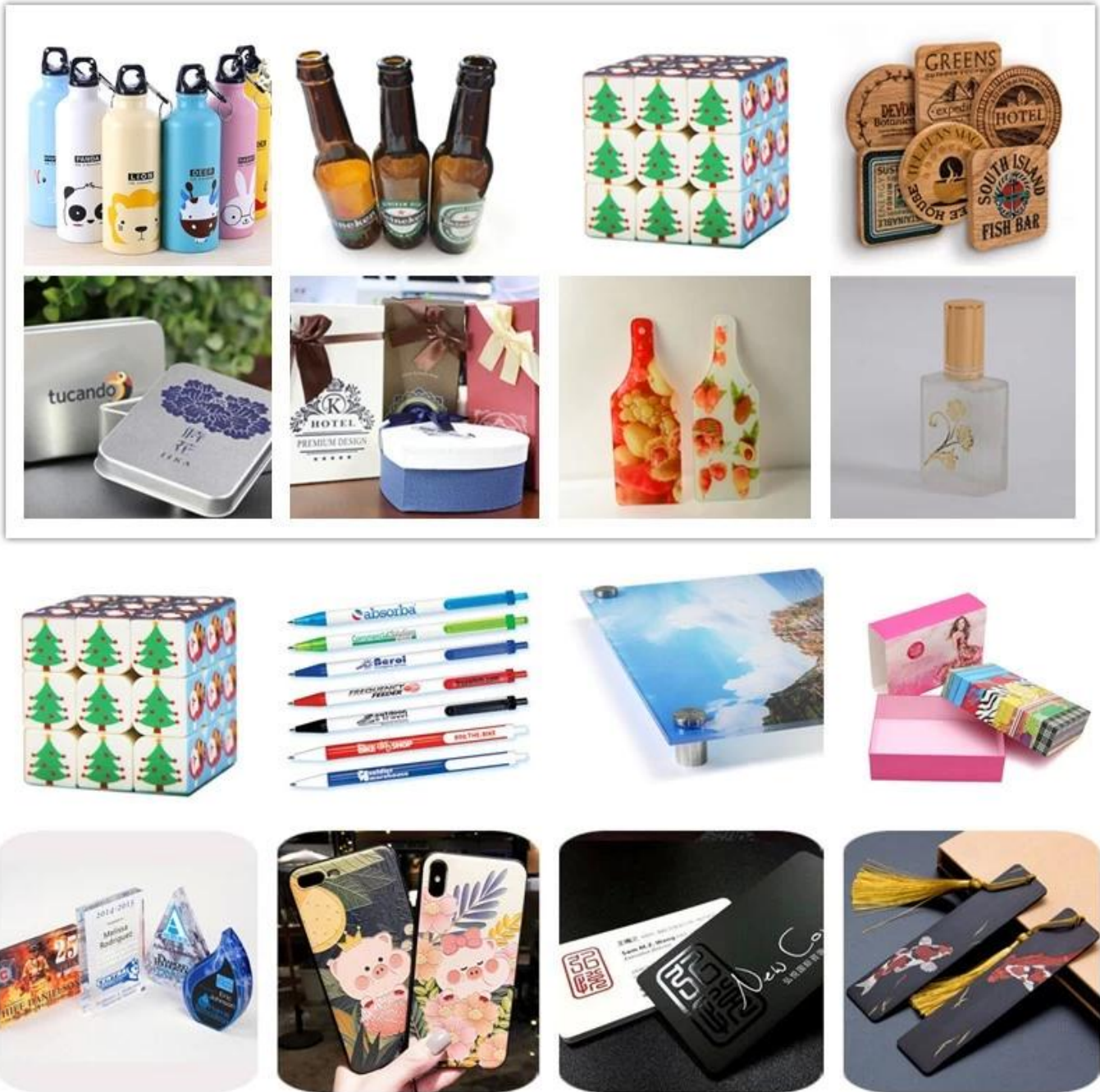
Quick cleaning: The printer head can be cleaned even if it did not connect to computer.





## Application:

This Apex UV6090 UV printer is ideal with a good price and can be printed directly on any material, even round shapes such as bottles and cups.



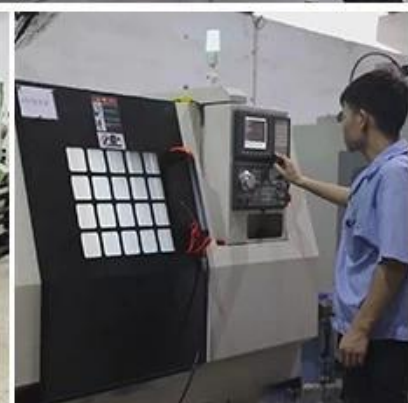
## Warranty:

The main goal of Microtec / Apex is to support all our customers, who can manage their APEX UV printer operations without interruption. So Apex offers FREE SPARE PARTS with a quantitative order and the following guarantee:

- \* Free lifetime technical support online for all apex printers.
- \* One year warranty on the whole machine excluding print heads
- \* Three-month warranty on consumables such as dampers, caps, etc.
- \* Five professional English engineers available to provide on-site service if customer needs (customers pay service fees, bear tickets and accommodation on site)



# ADVANCED EQUIPMENTS





## PROFESSIONAL R&D TEAM





## CUSTOMER VISITING



[Click to Download user manual>](#)