

## Basic Parameter

Printing Technology: SLA (Stereolithography)

X/Y Axis Build Size: 600mm(X)×600mm(Y)

Z Axis Build Size: 400mm (standard) / other customized size (100-400mm)

Product Size: 1500\*1200\*1920mm

Product Weight: 1500kg (with 240kg resin)

Print Accuracy:  $\pm 0.1\text{mm}$  ( $L \leq 100\text{mm}$ ) or  $\pm 0.1\% \times L$  ( $L > 100\text{mm}$ ) (Up to 0.05mm)

Heating Style: Hot Air

Maximum Scan Speed: 10m/s

Reference Building Speed: 80~400 g/h

Maximum Build Weight: 80kg

Resin Bracket: Replaceable Resin Bracket

Printing Material: White Resin, High-toughness Resin, Soft Resin, Transparent Resin, Heat Resisting Resin, Moisture-proof Resin, etc.

## LASER SYSTEM

Type: Diode-pumped solid-state laser

Wavelength: 355nm

Power: 500mW/1000mW

## RECOATING SYSTEM

Process: Intelligent positioning - Vacuum press recoat

Normal Build: 0.1mm

Quick Build: 0.1~0.25mm

Precision Build: 0.05-0.1mm

## SCANNING SYSTEM

Scanning Technology: SCANLAB

Focusing Type: F-theta Flat field lens

Beam (diameter@1/e): 0.10~0.50mm

## Elevator

Position Repeatability:  $\pm 0.01\text{mm}$

Elevator Motor: High Accuracy Servo Motor

Benchmark Platform: Marble benchmark platform

## **SOFTWARE**

Operating System: WindowsXP/Windows 7

Network: Ethernet, TCP/IP, IEEE802.3

Control Software: 3DSLCON

Data Interface: SLC file, STL file

Software Function: Automatic generation of scanning paths, Liquid level monitoring & compensation

## **WORKING CONDITION**

Power: 200~240VAC, 50/60Hz, 16A

Ambient Temperature: 24-28°C

Relative Humidity: 20-40%

## **WARRANTY**

Laser: 8000 hours or 24 months (whichever comes first)

Main Machine: 24 months from installation date