# RAY POLYJET450

## Full color multi material 3D printer

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|---|---|---|---|
| Maximum resolution: | 635*1200*1440dpi | Weight: | 800kg |
| Print head: | 3 groups | Operating system: | Win10, Win11, 64bit |
| Printing channel: | 12 | Format: | STL, PLYWRL, OBJ, WJP |
| Spray hole: | 3840 | Network link: | LAN-TCP/IP |
| Material configuration: | 7 types | Power requirements: | AC200-240V 50-60HZ |
| Maximum forming size: | 440*390*240 | Rated power: | 1.0KW |
| Platform specifications: | 450*400*250 | Temperature: | 20~30℃ |
| Appearance dimensions: | 1290*1174*1365 | Print mode: | Quick Mode 40 |

## Product features

### Support printing of biocompatible materials

1. **Low temperature inks:**
   The printing temperature require less then 50 degree, which is not easy to damage the print head.

2. **Supports full color printing:**
   Equipped with 7 color molding materials including red, yellow, blue, black, and white as standard, achieving full color digital mixed printing

3. **Fast Printing:**
   3 high quality print heads from Ricoh with 12 channels, makes prints are in high accurate with great color.

4. **Lower overall operating costs:**
   The higher material utilization rate, more efficient printing efficiency, and more optimized cost structure of WJP technology result in a reduction of over 30% in the comprehensive operating cost of equipment

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## Software function

### Print management software

Through the intuitive user interface of the print management software, common operations such as model loading, automatic placement, automatic generation of support, real-time slicing and layering, work hour evaluation, changing materials and colors, managing work queues, and performing daily system maintenance can be easily achieved.

Two seperate software able to place the next prints while printing which save time.

## 3D COLOUR SPACE

www.print3dd.com
sales 1 : 082-209-9942
sales 2 : 062-175-9622
sales@print3dd.com