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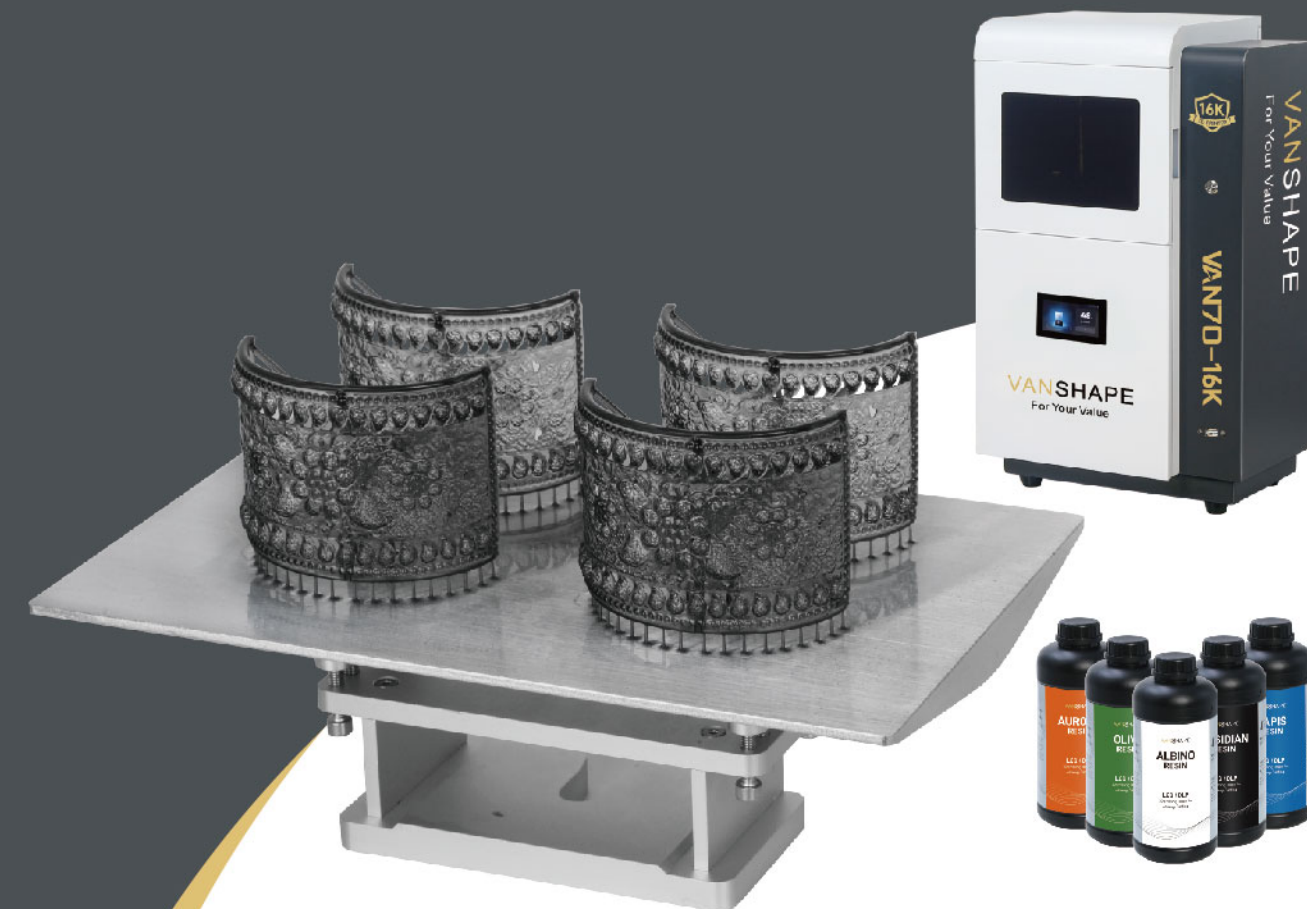
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Professional 3D Printer R&D and Manufacturer

专业3D打印机研发及制造商



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PRO 3D Printer

专门为珠宝首饰行业开发的3D打印机，用于珠宝首饰行业母模制作、客户定制设计、展示模型、直接精铸、热/冷压模和批量生产等。

3D printer specifically developed for the jewelry industry, used for making master molds, customized designs for customers, displaying models, direct precision casting, hot/cold pressing molds, and mass production in the jewelry industry.

- ✓ DLP光固化技术
 - ✓ 高精度、高效生产
 - ✓ 自主研发的系统
 - ✓ 脱机打印
-
- ✓ DLP light curing technology
 - ✓ High precision and efficient production
 - ✓ Independently developed system
 - ✓ Offline printing



技术参数 Technical Information

型号 Model	PRO100	PRO200
电源 Power Supply	110V/220V 50/60Hz 500W	110V/220V 50/60Hz 500W
像素 Pixel	1280×800	1920×1080
打印尺寸 Build Size	L64×W40×H80mm	L144×W81×H170mm
打印速度 Build Speed	10+ mm/hr	10+ mm/hr
打印厚度 Printing Layer Thickness	25-50μm	25-50μm
光 源 Light Source	工业 UV LED 405nm / Industrial UV LED 405nm	工业 UV LED 405nm / Industrial UV LED 405nm
打印软件 Software	3DPrint Slicer	3DPrint Slicer
文件格式 File Format	YXP	YXP
接口 Connectivity	USB / WIFI	USB / WIFI
材料 Material	DLP树脂 / DLP resin	DLP树脂 / DLP resin
机器尺寸 Machine size	L337×W467×H795mm	L359×W497×H956mm
净重Net weight	45KG	58KG



打印时间 Printing time
12 hour

打印速度 Build Speed
10mm/hour

打印厚度 Printing Layer Thickness
50 microns

构建大小 Build size
144x81x170mm



打印时间 Printing time
12 hour

打印速度 Build Speed
10mm/hour

打印厚度 Printing Layer Thickness
50 microns

构建大小 Build size
144x81x170mm



White Wax 3D Printer

白蜡采用透氧薄膜结构，打印过程氧气参与固化过程，离型力非常小，因此打印速度可以很快，同时材料含蜡量大幅度提升，铸造性能优越。摆脱了铸造难的困扰。

3D wax printer adopts oxygen-permeable film, with weak release force. Oxygen gets involved in curing resin in the process of printing. Such a working principle deliver fast printing. Meanwhile, with the improved wax content, the special materials features excellent casting performance, making casting much easier.

- ✔ 打印速度快（速度2倍）
- ✔ 表面光滑度高
- ✔ 非常容易铸造，适合金货的生产

- ✔ Fast printing speed (2times as fast as normal casting resin)
- ✔ Printed models are more smooth on the surface
- ✔ Easy to cast, suitable for producing products made from gold



技术参数 Technical Information

型号Model	M.PR.Pro150-wax
电源 Power Supply	110V/220V 50/60Hz 500W
像素尺寸 Pixel Size X, Y	50μm
X, Y 分辨率 X, Y Resolution	1920×1080P
打印尺寸 Build Size	L96×W54×H130mm
打印速度 Build Speed	10+ mm/hr
打印层厚 Printing Layer Thickness	10-50μm
光 源 Light Source	工业 UV LED 405nm / Industrial UV LED 405nm
打印软件 Software	V2.0 for Windows 7
文件格式 File Format	SLC
光机 Optical machine	美国进口DMD芯片光源 US imported chip light source
文件传输 File transfer	USB
材料 Material	白蜡 White wax
机器尺寸 Machine size	L337×W467×H795mm
净重 Net weight	45KG

高分辨率和精确度 High resolution and accuracy

打印时间 Printing time
9 hours and 53 min
打印速度 Build Speed
10mm/hour

打印厚度 Printing Layer Thickness
50 microns
构建大小 Build size
50x50x100mm



14K/16K LCD 3D Printer

专为高品质珠宝生产而设计的超清分辨率LCD 3D打印机，精确度高，打印速度快，实现长期稳定的超大打印能力。

Specially designed for high-quality jewelry production, this ultra clear resolution LCD 3D printer boasts high precision, fast printing speed, and long-term stable ultra large printing capability.

- ✓ 超清分辨率
- ✓ USB传输 / WiFi
- ✓ 一键自动生成可编辑支撑
- ✓ 超大生产能力
- ✓ Ultra clear resolution
- ✓ USB transmission / WiFi
- ✓ One click automatic generation of editable support
- ✓ Ultra large production capacity



技术参数 Technical Information

型号 Model	M.PR.VAN70-WAX	M.PR.VAN70-16K
电源 Power Supply	110V/220V 50/60Hz 500W	110V/220V 50/60Hz 500W
打印尺寸 Build Size	L223xW126xH180mm	L211xW118xH180mm
像素 Pixel	13320x5120	15120x6230
打印速度 Build Speed	10+mm/hr 最高50mm/h	10+mm/hr 最高50mm/h
打印厚度 Printing Layer Thickness	0.025-0.1mm	0.025-0.1mm
光源 Light Source	COB 光源 / COB Light Source	COB 光源 / COB Light Source
打印软件 Software	ChituBox	ChituBox
文件格式 File Format	STL、OBJ	STL、OBJ
接口 Connectivity	USB	USB / WIFI
材料 Material	405nm 光敏树脂 405nm Photosensitive Resin	405nm 光敏树脂 405nm Photosensitive Resin
设备尺寸 Machine dimension	L337×W467×H795mm	L337×W467×H795mm
净重 Net weight	43KG	43KG



超高分辨率和精确度 Ultra high resolution and accuracy

打印时间 Printing time
17 hours and 3 min
打印速度 Build Speed
10mm/hour

打印厚度 Printing Layer Thickness
50 microns
构建大小 Build size
223x126x180mm



Curing Box



技术参数 Technical Information

型号 Model	M.PR.PRO14-1
固化尺寸 Curing size	400×400×400mm
固化波长 Curing wavelength	405nm
固化功率 Curing power	120W
加热功率 Heating power	80W
整机功率 Total power	200W
输入电源 Input power	100~240VAC; 50~60Hz
产品尺寸 Product size	445×445×515mm
机器重量 Product weight	20Kg
包装外尺寸 Outer dimensions of packaging	520×520×615mm



技术参数 Technical Information

型号 Model	M.PR.PRO14
固化时间 Curing time	1-30分钟 / 1-30 minutes
固化光源 Curing light source	顶部灯板405nm / 405nm light board
功率 Power	100w
输入电压 Input voltage	100~240v 50/60Hz DC 24V
重量 Weight	6KG
内腔尺寸 Lumen size	L180×W180×H100mm
机器尺寸 Machine size	L220×W220×H325mm

Resin



技术参数 Technical Information

型号 Model	RS-ALBINO	RS-OBSIDIAN
硬度 Hardness	61D~63D	65D~69D
密度 Density	1.06g/cm3~1.075g/cm3	1.07g/cm3~1.10g/cm3
粘度 Viscosity	450cps~550cps(25°C)	250cps~350cps (25°C)
层曝光时间 Exposure time	5.5s~6.5s	3.5s~4.5s
底层曝光时间 Bottom exposure time	30s~40s	15s ~25s
拉伸强度 Tensile strength (MPa)	7Mpa~9Mpa	8Mpa~11Mpa
断裂伸长率 Breaking elongation (%)	26%~33%	15%~24%
颜色 Color	半透明黄色，清洗并固化后为奶白色	半透明黑色

应用行业 Application industry

适用珠宝行业，齿科，教学科研，玩具设计，工艺品设计，工业零件设计等。
Suitable for jewelry, dentistry, education and scientific research, toy design, handicraft design, industrial part design

铸造样品 Casting samples

所有样品都是使用我们的树脂和3D打印机打印，未经抛光的原始铸造。
All samples were printed by our proprietary resin and 3D printers, showing raw castings in their unpolished state.

