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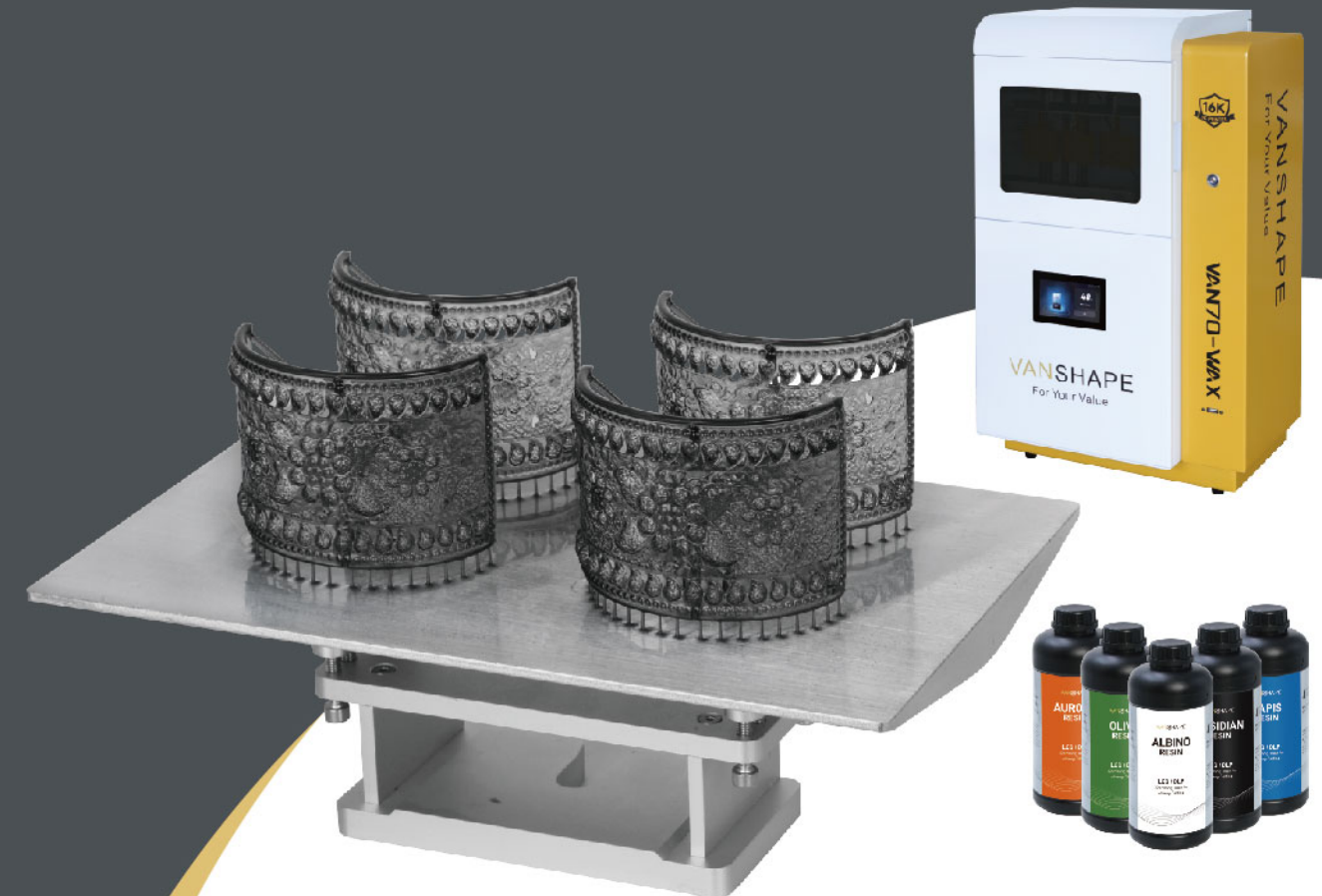
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Professional 3D Printer R&D and Manufacturer

专业3D打印机研发及制造商



万协 VANSHAPE

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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
打印层厚 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
固化波长 Curing wavelength	405nm	4405nm
材料 Material	光敏树脂 Photosensitive Resin	光敏树脂 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

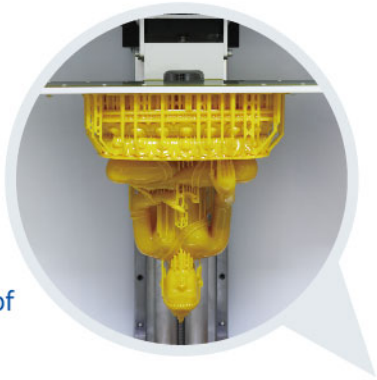
打印厚度 Printing Layer Thickness
50 microns
构建大小 Build size
223x126x180mm



16K LCD 3D Printer (Max)

专为佛像、工艺品等大规模产品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 the production of large-scale products such as Buddha statues and handicrafts, this ultra clear resolution LCD 3D printer has high precision, fast printing speed, and long-term stable super large printing capacity.

- ✓ 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



大规格打印
FOR BIG SIZE
BUILD MODEL



技术参数 Technical Information

型号 Model	M.PR.VAN90-WAX
电源 Power Supply	110V/220V 50/60Hz 700W
打印尺寸 Build Size	L302xW161xH400mm
像素 Pixel	15120x6230
XY分辨率 XY Resolution	20×26μm
打印速度 Build Speed	2~3 层/秒 / 2-3 Layer/s
打印层厚 Printing Layer Thickness	0.025-0.1mm
投影光源 Projection light source	LCD
文件格式 File Format	STL
接口 Connectivity	USB / WIFI
固化波长 Curing wavelength	405nm
材料 Material	光敏树脂 Photosensitive Resin
设备尺寸 Machine dimension	L650×W385×H1500mm

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

打印时间 Printing time	打印厚度 Printing Layer Thickness
33 hours	50 microns
打印速度 Build Speed	构建大小 Build size
2-3 layer/s	302x161x400mm



16K LCD 3D Printer (Automatic feeding)

专为高品质珠宝生产而设计的超清分辨率，XY像素精度突破到19um，Z轴双导轨滚珠丝杆精度0.0125mm，更是让每一个曝光细节表现的淋漓尽致，打印模型高度还原，更加逼真。
Specially designed for high-quality jewelry production, the ultra clear resolution has broken through 19um in XY pixel accuracy and 0.0125mm in Z-axis double guide ball screw accuracy, allowing every exposure detail to be fully displayed. The printed model is highly restored and more realistic.

- ✓ 自动进料系统
- ✓ 断电续打
- ✓ 双导轨滚珠丝杆
- ✓ Automatic feeding system
- ✓ Power off and continue to operate
- ✓ Double guide ball screw

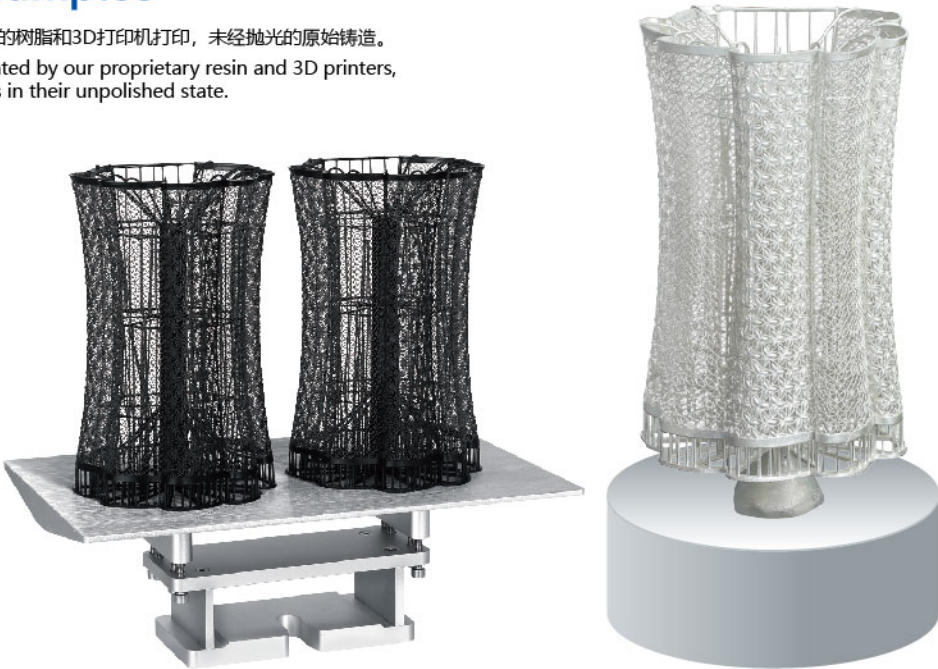


技术参数 Technical Information

型号 Model	M.PR.FluxCore
电源 Power Supply	110V/220V 50/60Hz
功率 Power input	350W
XY像素精度 XY Pixel accuracy	19um
分辨率 Resolution	15120×6230
Z轴 Z-axis	双导轨滚珠丝杆0.0125mm
固化波长 Curing wavelength	405nm
打印尺寸 Build Size	211×118×150mm
打印速度 Build Speed	60-100mm/H
打印层厚 Printing Layer Thickness	0.025-0.1mm
数据传输 Data transmission	局域网 LAN / USB / WIFI
断电续打 Power off continuation	支持 Supported
设备尺寸 Machine dimension	700×700×830mm

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.



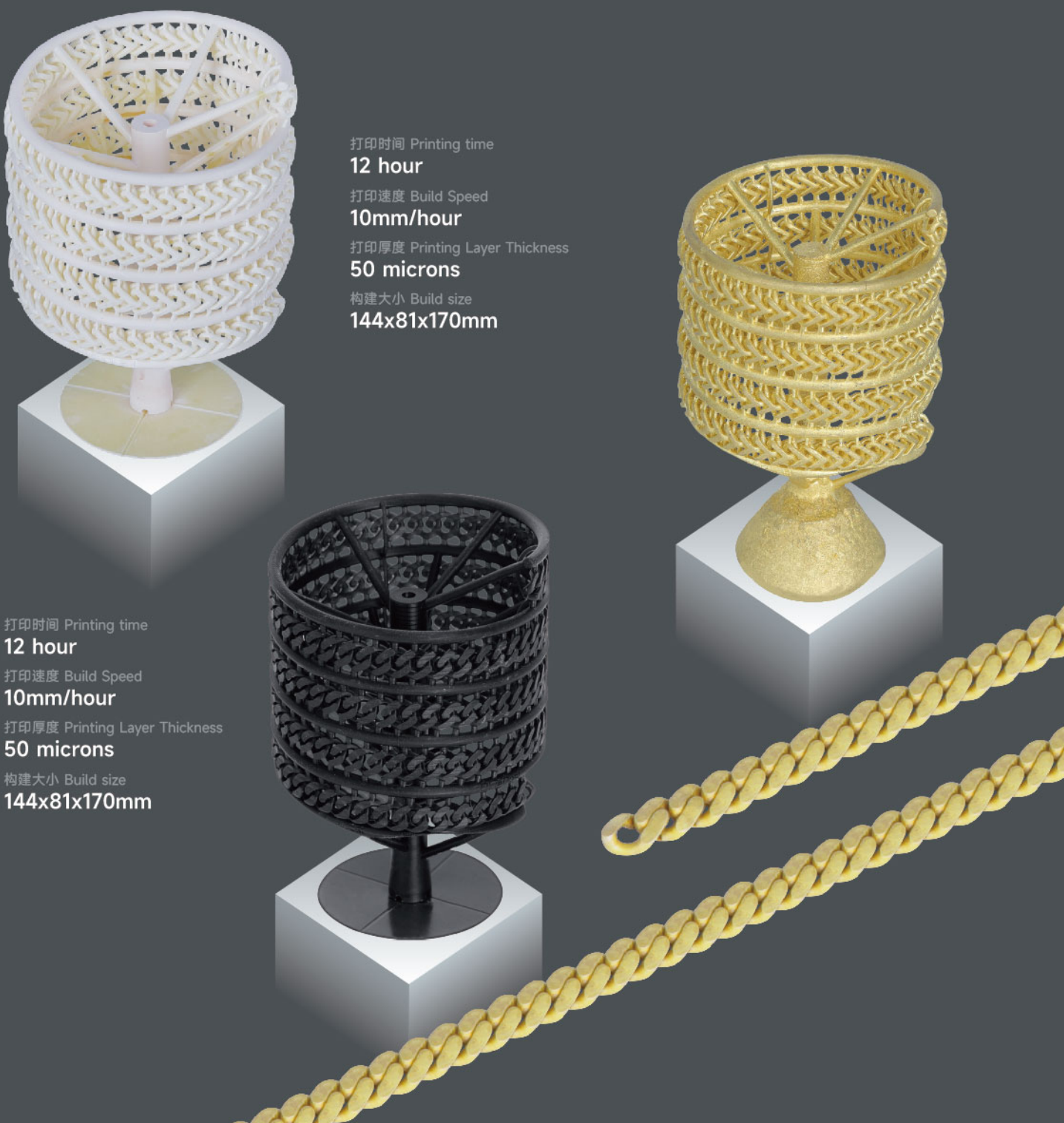
PRO 3D Printer

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.



技术参数 Technical Information

型号 Model	M.PR.Pro100	M.PR.Pro200	M.PR.Pro150-wax
电源 Power Supply	110V/220V 50/60Hz 500W		
像素 Pixel	1280×800	1920×1080	1920×1080
打印尺寸 Build Size	L64×W40×H80mm	L144×W81×H170mm	L96×W54×H130mm
打印速度 Build Speed	10+ mm/hr	10+ mm/hr	10+ mm/hr
打印层厚 Printing Layer Thickness	25-50μm	25-50μm	10-50μm
光源 Light Source	工业 UV LED 405nm / Industrial UV LED 405nm		
打印软件 Software	3DPrint Slicer	3DPrint Slicer	V2.0 for Windows 7
文件格式 File Format	YXP	YXP	SLC
接口 Connectivity	USB / WIFI	USB / WIFI	USB
材料 Material	DLP树脂 / DLP resin	DLP树脂 / DLP resin	白蜡 White wax
机器尺寸 Machine size	L337×W467×H795mm	L359×W497×H956mm	L337×W467×H795mm
净重Net weight	45KG	58KG	45KG



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

Curing Box



技术参数 Technical Information

型号 Model	M.PR.PROP14-1
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	RS-AURORA	RS-OLIVE
密度 Density	1.06g~1.075g/cm³	1.07g~1.1g/cm³	1.07g~1.1g/cm³	1.07g~1.1g/cm³
粘度 Viscosity	450~550cps	250cps~350cps	250cps~350cps	1500cps~2000cps
层曝光时间 Exposure time	5.5s~6.5s	3.5s~5.5s	3.5s~5.5s	5.5s~6.5s
底层曝光时间 Bottom exposure time	30s~40s	15s~25s	15s~25s	40s
颜色 Color	半透明黄色，清洗并固化后为奶白色 Yellow, after curing become white	半透明黑色 Semi-transparent black	橙色 Orange	绿色 Green

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.

Jewelry 3D scanner

珠宝三维扫描仪

研发的一款基于桌面精细小工件（<100mm）三维重建应用场景设计的高集成全自动三维扫描系统。在硬件设计上采用TI-DLP芯片和图像传感器芯片进行集成电路设计，大大提高通讯效率和稳定性，实现0.3秒高速扫描；在软件上采用工作流式低耦合设计，进一步简化用户操作流程减少人机交互，系统支持多次扫描， 组组拼接可实现一键自动完成点云的全局注册，去噪融和，无损网格化，数据优化，自动生成STL标准三维格式，可导入主流珠宝设计软件，数控机床加工系统和3D打印机，广泛应用于珠宝手办三维辅助设计，精细小工件三维测量、检测、逆向设计等三维数字化应用场景。

A highly integrated fully automatic 3D scanning system based on desktop fine small workpiece (<100mm) 3D reconstruction application scenario design has been developed. In terms of hardware design, TI-DLP chip and image sensor chip are used for integrated circuit design, greatly improving communication efficiency and stability, and achieving high-speed scanning in 0.3 seconds; The software adopts a workflow based low coupling design to further simplify the user operation process and reduce human-computer interaction. The system supports multiple scans and group splicing, which can achieve one click automatic global registration of point clouds, denoising and fusion, lossless meshing, data optimization, and automatic generation of STL standard 3D format. It can be imported into mainstream jewelry design software, CNC machining systems, and 3D printers, and is widely used in 3D digital application scenarios such as jewelry figurine 3D auxiliary design, fine small workpiece 3D measurement, detection, reverse design, etc.

技术参数 Technical Information

型号 Model	M.PR.WX-SP-50	M.PR.WX-SP-100
传感器 Sensor	500万	500万
镜头 Lens	15mm 8MP	25mm 8MP
光栅 Raster	Ti 1280LED	Ti 1280LED
转台 Turntable	智能联动双轴转台 Intelligent linkage dual axis turntable	
云台 PTZ	磁性多档可调夹具 Magnetic multi-stage adjustable fixture	
标定板 Calibration board	5mm光学标定板 5mm optical calibration plate	10mm光学标定板 10mm optical calibration plate
扫描精度/速度/范围 Scanning accuracy/speed/range	0.008mm/0.3s/70mm	0.01mm/0.3s/100mm
通讯接口/电源 Communication interface/power supply	USB3.0/100-240V 50/60Hz	
多件扫描/智能分割 Multi piece scanning/intelligent segmentation	支持 Support	
镶嵌模式 Embedding mode	支持 Support	
智能补扫 Intelligent supplementary scanning	支持 Support	
数据截取 Data Interception	平面可调截取 Adjustable plane cutting	
全局注册 Global registration	全局校正机械偏差 Global correction of mechanical deviation	
特征匹配/手动匹配 Feature matching/manual matching	自动特征匹配/手动选点匹配 Automatic feature matching/manual point selection matching	
数据格式 Data format	无损STL三维格式 Lossless STL 3D format	
开放接口 Open interface	可提供应用开发接口 Can provide application development interfaces	
包装尺寸 Package size	360x310x540mm	
重量 Weight	11KG	

M.PR.WX-SP-50

扫描精度 Scanning accuracy

0.008mm

速度 Speed

0.3s

范围 Range

70mm

M.PR.WX-SP-100

扫描精度 Scanning accuracy

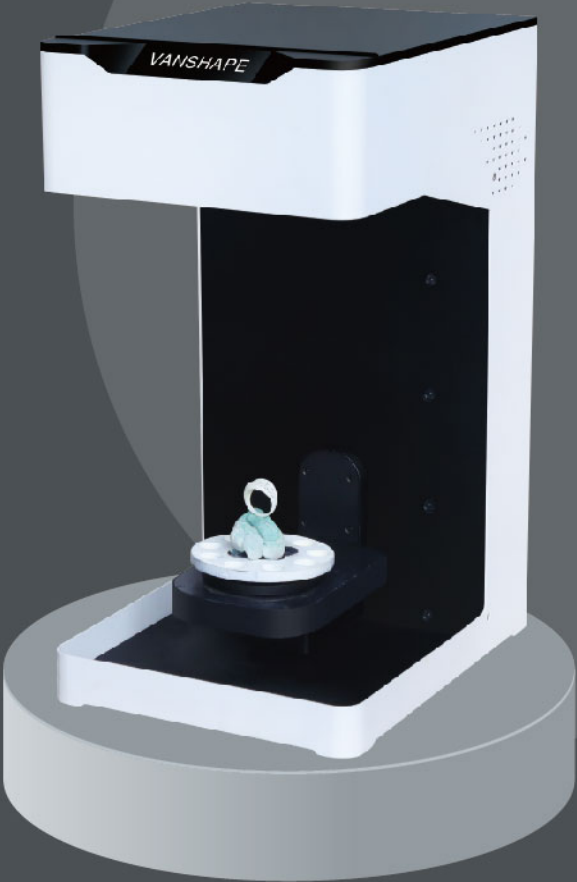
0.01mm

速度 Speed

0.3s

范围 Range

100mm



Handheld 3D scanner 手持三维扫描仪

研发的一款基于实时三维重建应用场景设计的高集成度易操作的手持式三维扫描系统。在硬件设计上采用TI-DLP芯片和图像传感器芯片进行集成电路设计，大大提高通讯效率和稳定性，实现0.03秒高速扫描；在软件上采用交互对话框模式高耦合设计，进一步简化用户操作流程减少人机交互，一键自动完成点云的全局注册，去噪融和，无损网格化，自动生成STL 标准三维格式，可导入逆向设计软件，数控机加工系统和3D打印机等应用；既能扫精细的动漫手办件又能扫汽车，其高速高细节高适应性让其成为三维扫描仪领域一种新的产品形式，广泛服务于各行业三维重建应用场景中。

A highly integrated and easy-to-use handheld 3D scanning system designed based on real-time 3D reconstruction application scenarios. In terms of hardware design, TI-DLP chip and image sensor chip are used for integrated circuit design, greatly improving communication efficiency and stability, achieving 0.03 second high-speed scanning; The software adopts an interactive dialog box mode with high coupling design, further simplifying the user operation process and reducing human-computer interaction. One click automatic global registration of point clouds, denoising and blending, lossless meshing, automatic generation of STL standard 3D format, which can be imported into reverse design software, numerical control machining systems, 3D printers and other applications; It can scan both fine anime figurines and cars, and its high speed, high detail, and high adaptability make it a new product form in the field of 3D scanners, widely serving various industries in 3D reconstruction application scenarios.

技术参数 Technical Information

型号 Model	M.PR.WX-WAX-S	M.PR.WX-WAX-W
范围 Range	250mm	400mm
点距 Dot Pitch	0.25m	0.5m
精度 Accuracy	0.1mm	0.15mm
适应范围 Scope of adaptation	100~2500mm	
工具距离 Tool distance	500mm±30%	
传感器 Sensor	ONSEMI 1310000Pixel 600fps/8mmLen/TI 1280*800Led	
接口/电源 Interface/Power Supply	USB3.0/100-240V 50/60Hz 60W	
扫描方式/速度 Scanning method/speed	非接触式相位光面扫/0.03s Non contact phase smooth surface scanning/0.03s	
拼接方式 Splicing method	标志点拼接、特征拼接、框架拼接 Marking point splicing, feature splicing, frame splicing	
彩色纹理 Color texture	支持（可选配） Support (optional)	
数据处理 Data processing	全局注册/手动注册/点云去噪融合/无损网格化/补洞/曲率抽样 Global registration/manual registration/point cloud denoising fusion/ lossless meshing/hole filling/curvature sampling	
电脑要求 Computer requirements	RAM > 16GB; Nvidia GM > 4GB; System > win7(64bit)	
认证 Authentication	CE/FCC/WEEE/CNAS	
包装尺寸 Package size	520x480x300mm	
重量 Weight	5.0kg	

M.PR.WX-WAX-S

精度 Accuracy

0.1mm

速度 Speed

0.03s

范围 Range

100~250mm

M.PR.WX-WAX-W

精度 Accuracy

0.15mm

速度 Speed

0.03s

范围 Range

100~250mm

