DATA SHEET

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| Hardware	Product dimensions (W × D × H)	722 x 589 x 830mm
	Print volume size (W × D × H)	198 x 123 x 195mm
	Power requirements	85 ~ 264 VAC, 50/60 Hz 3.8A / 115VAC 2A / 230VAC
	Resolution	5760 x 3600 pixel
	XY Pixel Size	33 micron
	Wavelength	405 nm
	Light intensity	8 mW/cm²
	Layer height	20-300 µm
	Resin Level Detection	Yes
	Automated Resin Refill	Yes
	Cleaning Agend Tank Volume	10 l
	Compatible Solvent	Water, any other Cleaning Agent
	Cleaning Agend Level Detection	Yes
	Automated Cleaning Agend Refill	Yes
	Automated Cleaning Agend Purification	Yes
	Automated Cleaning Agend Drain	Yes
	Curing Source	365nm & 405nm curing LEDs
	Drying Source	Ventilation system
	Automated drying	Yes
	Control Panel	Touch Screen
	Level Calibration	Calibrated in Factory
Resin	Open platform, datasets for validated materials	
Software & Networks	Connectivity	USB, Wi-Fi, LAN
	Print preparation	Cloud-Based Slicing: Data Preparation and Management
	Supported Devices	Any internet-capable device
	Supported File type	STL/ OBJ/ 3MF

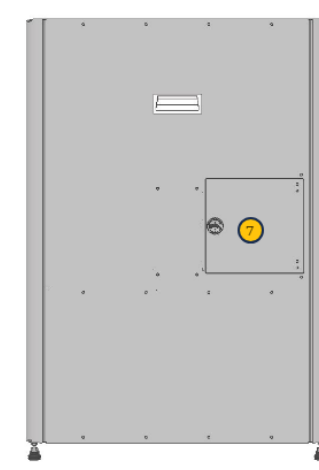micro factory

DATA SHEET
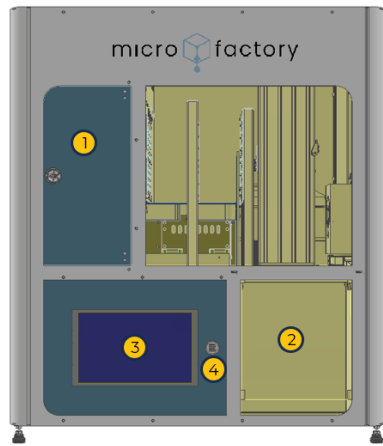
Front side
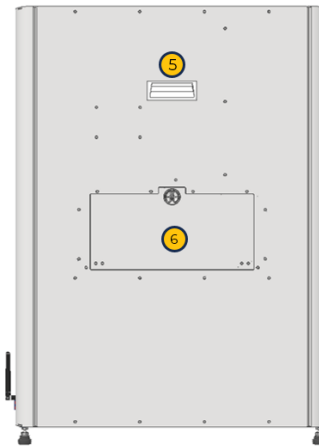
Left side
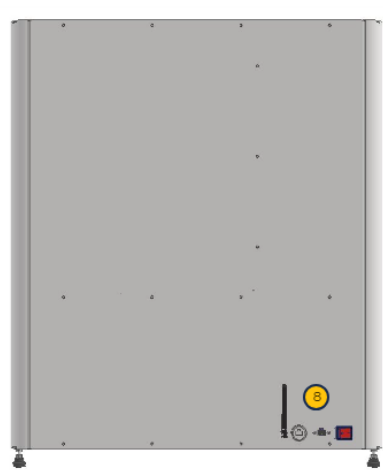
Rear side

Right side

1. **Resin section:** Automated material feeding with fill level information.
    Automated Isopropanol Purification: Auto-fill, clean, and drain within the machine.
2. **Component ejection:** Automated ejection of the manufactured parts.
3. **Touch input:** Important information, maintenance, and process monitoring directly on the machine.
4. **Input:** 2 USB ports.
5. **Transport handles:** Designed for easy transportation..
6. **Resin tank:** Easy material replacement achieved by swapping the resin tank.
7. **Build Plate Magazine**: Stores up to 50 build plates for automated printing.
8. **Connectivity options:** Power input, Ethernet, and On/Off button.

micro factory