

XRIZE SPECIFICATIONS

Device Dimensions:

- ◆ Height: 21.4 inches (535mm)
- ◆ Width: 36 inches (915mm)
- ◆ Depth: 25.4 inches (647mm)
- ◆ Weight: 137 lbs (62kg)

Power:

- Input Voltage: 120-240 VAC 50/60 Hz
- Consumption: 750 W

Jetting:

- Drop Volume: 5 pL
- Resolution, X/Y: 300 DPI
- Resolution, Z: 200 DPI (@ .125mm layer thickness)

Extrusion:

- Tip Diameter: 0.4mm
- Accuracy, X/Y: +/- .127mm, or +/- .003mm/mm, whichever is greater
- Accuracy, Z: +/- layer thickness (.250 or .125mm)

Materials:

- Filament Capacity: 2X 820g spools with hot-swap; 1640g total
- Fluids Capacity: 2X 120mL cartridges; one each release agent and marking ink
- Filament Usage: 10.25 grams/hour on average; geometry dependent
- Fluids Usage: 1 mL/hr per cartridge on average; geometry dependent

Chamber:

- Temperature: 53°C when printing
- Automatic locking top cover with open/close sensor

Build Plate:

- Auto leveling
- Typically replaced annually

User Interface:

- Intuitive 5" high-resolution touch-screen for access to part library, build management, and system diagnostics.
- Internal storage for hundreds of build files.

Workstation Compatibility:

- File prep requires a 64-bit operating system, x86-based processor, running Windows® 7, 8, or 10.
- Connection to printer while build is in progress not required.
- Internet/Cloud not required.

Operating Environment:

- Temperature: 59-86°F (15-30°C)
- Relative Humidity: 20-60%

Facility Requirements:

- None: No venting and no liquid waste

Build Volume:

- X: 12 inches (310mm)
- Y: 8 inches (200mm)
- Z: 8 inches (200mm)



Compliance:

- FCC, RoHS, CE, NRTL

Connectivity:

- Ethernet: RJ45, 10/100 Mbps
- USB Type A port for memory stick

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