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: 100-240 VAC 50/60 Hz
Consumption: 750 W

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)

Extrusion

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

Jetting

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

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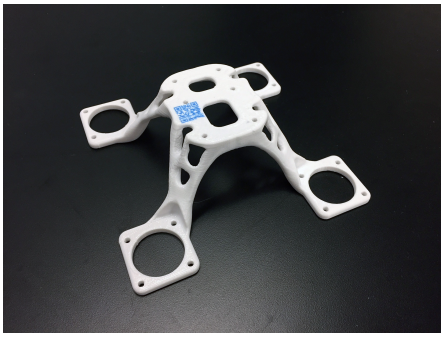
Materials

Filament Capacity: 2 820g spools with hot-swap; 1640g total
Fluids Capacity: 5 120ml cartridges; one each Cyan, Magenta, Yellow, Black, Release Agent
Filament Usage: 7 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
Quick and Easy Magnetic build plate

User Interface

Intuitive 5″ high-resolution touch-screen for access to part library, build management, and system diagnostics.
About 3GB of internal storage for hundreds of build files.

Compliance

FCC, RoHS, CE, NRTL
ANSI/CAN/UL 2904 certification

Connectivity

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

Material Compatibility

Rizium™ family of filaments: Rizium Carbon, Rizium GF (Glass Filled), Rizium ST (Semi-Translucent), Rizium One White & Black
Rizium™ functional inks: CMYK inks and Release ink
Materials are automatically identified to ensure correct process parameters are applied.

Workstation Compatibility

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

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