**Geeetech A10M Mix-color 3D Printer**

**Description**

Geeetech A10M 3D printer, adopting open source GT2560 control board, delivers mix-color objects and greatly enriches your 3D printing life. Keeping the good performance of its predecessor A10, it aims to provide users with quality printout and satisfactory printing experience.

The modularized design provides you with an easier assembly experience. Its classic blue and black color combo imparts a touch of simplicity and excellence, embodying Geeetech’s commitment to quality products.

Keeping Prusa I3 3D printers’ gantry structure and with its build volume as 220\*220\*260mm³, A10M makes the best of the building platform and enables you to view the printing details in 360°. Printing at the accuracy of 0.1mm, it delivers objects with smooth surface finish, clear angles and strong structure. Besides, A10M comes with filament detector and break-resuming capability, greatly enhancing your 3D printing experience.

Its well-designed extruder greatly reduces the risk of clogging or leaking. A10M extruder cover features 360°ventilation design, greatly enhancing the dissipation of heat and guaranteeing excellent printing quality.

A10M extruder motor uses a gear train of 3:1 speed ratio, amplifying input torque and improving your printing experience. Adopting the modularized design for extruder wiring, A10M makes it easy to exchange the wire.

 The V-shaped wheels and rails on each axis, made from wear-resistant aluminum profile, could, in a large measure, reduce the printing noise and offer you a quiet 3D printing environment.

A10M uses silicon carbide glass as its printing platform, greatly enhancing the adhesion of first layer and making it so easy to take down the print.

**Printing parameters**

Printing technology: FDM

Build volume: 220\*220\*260 mm³

Printing accuracy: 0.1mm

Positioning precision: X/Y：0.011mm. Z： 0.0025mm

Printing speed: 120 mm/s (max)

Filament diameter: 1.75mm

Nozzle diameter: 0.4mm

Filament: ABS / PLA/wood-polymer/PVA/HIPS/PETG, etc.

**Temp:**

Max temp for hotbed: 100℃

Max temp for extruder: 250℃

**Software resources**

Operating system: Windows, MAC, Linux

Control software: EasyPrint 3D, Repetier-Host, Simplify 3D, Cura, Slic3r, etc.

Remote App: EasyPrint 3D App (with an optional 3D WiFi module)

File format: .STL, G.code

**Electrical**

Power supply: Input: 115V/230V

 Output: DC 24V, 360W

Connectivity: Wi-Fi (with an optional 3D WiFi module), USB cable,

SD card (support stand-alone printing)

Display screen: LCD 2004

 **Mechanical:**

Frame: Aluminum profile

XY Rods: Wear-resistant aluminum profile

Z axis: Lead screw

Stepper Motors: 1.8°step angle with 1/16 micro-stepping

**Physical Dimensions & Weight**

Machine Dimension: 478 x 413 x 485mm³

Shipping box Dimension: 490 x 470 x290 mm³

Machine Net weight: 7.96kg

Machine Gross weight: 9.98 kg