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3D PRINTER AZA1255

The AZA1255 3D Printer by AZA LAB is a high-precision and versatile additive manufacturing system engineered for educational institutions, research laboratories, professional design studios, and industrial prototyping environments. Designed to deliver exceptional speed, dimensional accuracy, and repeatability, this advanced 3D printer is ideal for producing:

- Functional prototypes
- Detailed engineering models
- Custom components
- Architectural parts
- Educational demonstration aids

Combining robust mechanical construction with intelligent control systems, the AZA1255 ensures consistent, high-quality printing performance across a wide range of professional and academic applications.

FILAMENT COMPATIBILITY

The printer supports a wide variety of standard and specialty thermoplastic filaments, including:

- PLA
- ABS
- PETG
- TPU



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This multi-material capability enables users to produce:

- Rigid engineering components
- Flexible parts
- Functional prototypes
- Visual presentation models

using a single versatile platform.

KEY FEATURES

1. HIGH-PRECISION PRINTING

Layer resolution down to 0.1 mm for highly detailed and accurate prints.

2. LARGE BUILD VOLUME

Accommodates both compact components and large-scale prototype models.

3. MULTI-FILAMENT COMPATIBILITY

Supports a broad range of thermoplastic materials for versatile applications.

4. HIGH-SPEED OPERATION

Print speeds up to 150 mm/s for faster production cycles.

5. TOUCHSCREEN CONTROL SYSTEM

User-friendly LCD interface simplifies printer operation and parameter adjustment.

6. HEATED BUILD PLATE

Improves adhesion and reduces print deformation and warping.

7. FULLY ENCLOSED DESIGN

Enhances print stability, temperature control, and operational safety.



UNIVERSE TECHNICAL SPECIFICATIONS

Parameter	Specification
Model	AZA1255
Make	AZA LAB
Build Volume	300 × 300 × 400 mm
Layer Resolution	0.1 mm – 0.4 mm
Filament Types	PLA, ABS, PETG, TPU, and more
Maximum Print Speed	Up to 150 mm/s
Connectivity	USB, SD Card
Display	LCD Touchscreen
Power Supply	24V, 350W
Dimensions (L × W × H)	600 × 500 × 600 mm
Weight	20 kg

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