



Aura3D



Industrial-Grade 3D Printer & Material

Distribuito da 3DTIME**.it**

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A Leading US-based Additive Manufacturing Company





Content

01

About Aura3D

02

3D Printer

FGF Pellet Printer
Medical Pellet Printer
FDM Printer
High Temperature Printer
Extruder
Compact Dehumidifying Dryer
Resin Printer
Curing Machine

03

Material

Pellets
Filament
Dental Resin
Jewelry Resin
General Purpose Resin
Engineering Resin

04

3D Printing Service

ABOUT US

Based in Delaware, the United States, Aura3D is a cutting-edge technology company specializing in the design and production of industrial-grade 3D printers. Founded with a mission to revolutionize manufacturing, Aura3D provides innovative, reliable, and high-performance additive manufacturing (AM) solutions tailored to meet the unique needs of various industries.

Aura3D excels in manufacturing large-scale FGF Pellet and FDM Printers, high-temperature printers and extruders while providing onestop solutions tailored for the dental and jewelry industries. Additionally, Aura3D offers a diverse range of materials, including pellets, filament, and various types of resin.

15 Years of Combined Experience in Engineering and Research

6+ Full time Research & Development Scientists in the United States

1100+ Satisfied Customers Worldwide

Mission Statement

Precision and Performance

Aura3D printers are engineered to handle complex geometries and demanding materials, delivering unparalleled accuracy and reliability.

Innovative Technology

Focused on pushing the boundaries of additive manufacturing, Aura3D integrates cutting-edge features for enhanced efficiency and design freedom.

Customer-Centric Approach

Committed to providing exceptional support, Aura3D partners with businesses to ensure seamless implementation and ongoing success.











ABOUT US

Our Product Line

- ✓ **FGF,FDM & Resin 3D Printer**
- ✓ **High Temperature Printer**
- ✓ **Extruder**
- ✓ **Pellets,Filament,Dental Resin,Jewelry Resin,General Purpose Resin&Engineering Resin**
- ✓ **3D Printing Service**



Large-scale Industrial Printer

- 
Precision and Performance
 COREXY design and lightweight structural configuration
- 
Fully servo-driven motors
 Offer silent operation, no loss of steps, and high torque
- 
Blower-driven material
 Delivery eliminates the need for compressed air
- 
Advanced extruder head
 Designed for high flow rates and stable extrusion
- 
Steel CNC base
 Ensures stable center of gravity and high precision
- 
Aviation-grade aluminum columns
 CNC machined for a compact structure and high precision
- 
Z-axis with four guide rails and four lead screws
 For synchronized control, high platform precision, large load capacity, and reliable stability
- 
Integrated control system with Cloud PAD
 Featuring high computational power for smooth operation



Outstanding Feature

| FGF Printer | FDM Printer | High Temperature Printer |
|---|--|--|
| Eco-friendly and Renewable Materials can be reused after breaking down | Super Large Format Printing within a range of 1 to 1200mm | High-Performance Specialty Materials |
| Open Material System Supports advanced composites, metals, clays and ceramics | Ultra-High Speed Achieves speeds of 0 to 600mm per second | Enhanced Print Quality Higher temperatures improve the overall quality of prints |
| Fast Printing Speed & Large Scale Capable of large line printing for rapid delivery | Industrial Grade Built on a robust machine tool architecture for enhanced durability and precision | Reduced Deformation Minimizes warping and deformation |
| Low Material Costs Simple production reduces material expenses | | Increased Layer Adhesion Resulting in stronger and more durable objects |

Industrial Applications

Prototyping

Quickly creates physical models from digital design, enabling efficient testing and refinement concepts.

Art & Design

Efficient creation of complex, large-scale installations, sculptures, and customized furniture and decor.

Healthcare

Creating customized medical devices and bioprinting.

Aerospace

Rapid production of complex, lightweight components that reduce costs and enhance aircraft performance.

Automotive

Enhances the design and manufacturing of complex, customized vehicle parts, reducing costs and production time.

Maritime

Efficient production of complex, durable components that enhance ship design and reduce construction time.



Aura A5 | A8

Industrial Pellets 3D Printer

Specifications

| Model Number | Aura A5 | Aura A8 |
|-----------------------------|--|-----------------------------|
| Molding Dimensions | 600*600*600 mm | 800*800*800 mm |
| Overall Dimensions | 1050*1040*1450 mm | 1250*1240*1645 mm |
| Printing Platform | Aluminum/Tempered Glass/PEI | Aluminum/Tempered Glass/PEI |
| Max Nozzle Temperature | ≤350°C (450°C is optional) | ≤350°C (450°C is optional) |
| Optional Nozzle Diameter | 0.4-6.0mm | 0.4-6.0mm |
| Materials | PAHT-CF , PC-GF/CF, PETG-GF, PPS-CF, ABS-CF ,ASA-GF, PP, TPU, TPU&Silicon, rPETG, rPLA,rPET,PLA, ABS | |
| Working Surface Temperature | ≤120°C | ≤120°C |
| Material Particle Diameter | 1-5 mm pellet | 1-5 mm pellet |
| Drive Motor | Servo Motor | Servo Motor |
| Storage Hopper Volume | 10kg (FGF) | 15kg (FGF) |

Aura A12

Industrial Pellets 3D Printer

☑ Also available in high temperature version



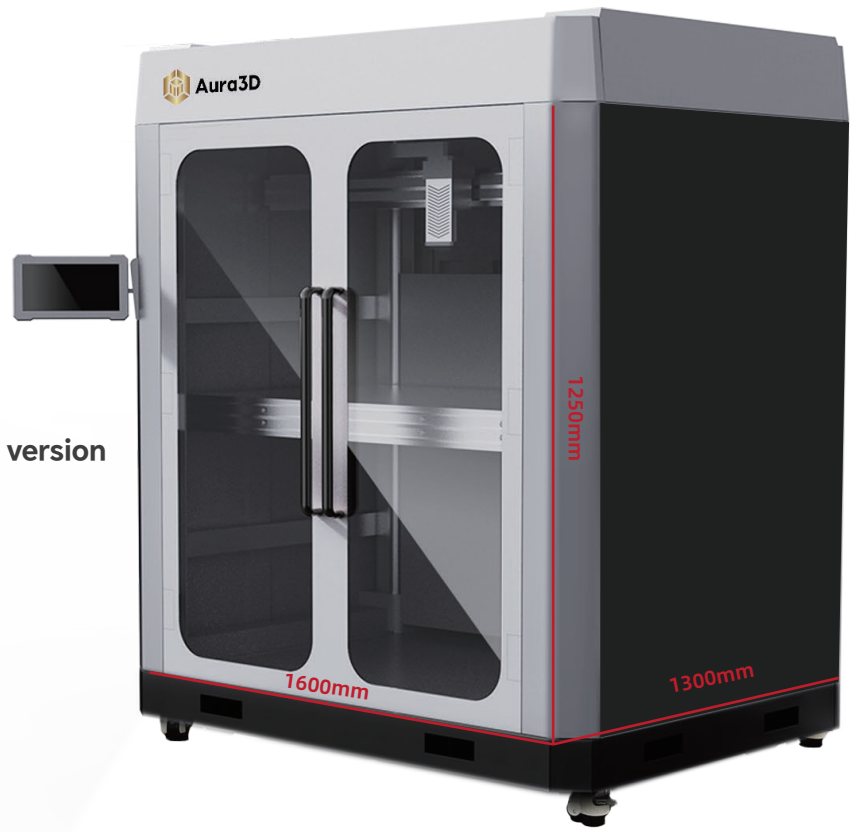
Specifications

| | |
|------------------------------------|--|
| Model Number | Aura A12 |
| Molding Dimensions | 1100*1000*1200 mm |
| Overall Dimensions | 1760*1440*2100 mm |
| Printing Platform | Aluminum/Tempered Glass/PEI |
| Max Nozzle Temperature | Max Nozzle Temperature $\leq 350^{\circ}\text{C}$ (450°C is optional) |
| Optional Nozzle Diameter | 0.8-7.0mm |
| Materials | PAHT-CF , PC-GF/CF, PETG-GF, PPS-CF, ABS-CF ,ASA-GF, PP, TPU, TPU&Silicon, rPETG, rPLA,rPET,PLA, ABS |
| Working Surface Temperature | $\leq 120^{\circ}\text{C}$ |
| Material Particle Diameter | 1-5 mm pellet |
| Drive Motor | Servo Motor |
| Storage Hopper Volume | 30kg (FGF) |

Aura A16

Industrial Pellets 3D Printer

☑ Also available in high temperature version




Specifications


| Model Number | Aura A16 |
|-----------------------------|--|
| Molding Dimensions | 1600*1300*1250 mm |
| Overall Dimensions | 2300*2040*2365 mm |
| Printing Platform | Aluminum/Tempered Glass/PEI |
| Max Nozzle Temperature | ≤450°C |
| Optional Nozzle Diameter | 1-8.0 mm |
| Materials | PAHT-CF , PC-GF/CF, PETG-GF, PPS-CF, ABS-CF ,ASA-GF, PP, TPU, TPU&Silicon, rPETG, rPLA,rPET,PLA, ABS |
| Working Surface Temperature | ≤120°C |
| Material Particle Diameter | 1-5 mm pellet |
| Drive Motor | Servo Motor |
| Storage Hopper Volume | 75kg(FGF) |


M6-FGF-MED


Pellet 3D Printer For Medical



 **Solid Durable Structure**
Ensure high precision and stability during printing

 **Closed Printing Chamber**
Prevent the warping and enhance layer adhesion

 **Pellets Consumables**
Medical use PP

 **Multiple Savings**
Fast prototype with engineering materials, time cost saving



Specifications

| | |
|-----------------------------|-------------------|
| Model Number | M6-FGF-MED |
| Volume Size(L*V*H) | 530*530*700 mm |
| Machine Size(L*W*H) | 900*880*1530 mm |
| Working Surface Temperature | ≤120°C |
| Printing Platform | Aluminum |
| Nozzle Diameter | 0.6-4.0 mm |
| Nozzle Temperature | ≤450°C |
| Pellet Side | 1-5 mm Pellets |
| Chamber Temperature | ≤60°C |

Aura F6 | F9 | F12

Industrial Grade FDM 3D Printer

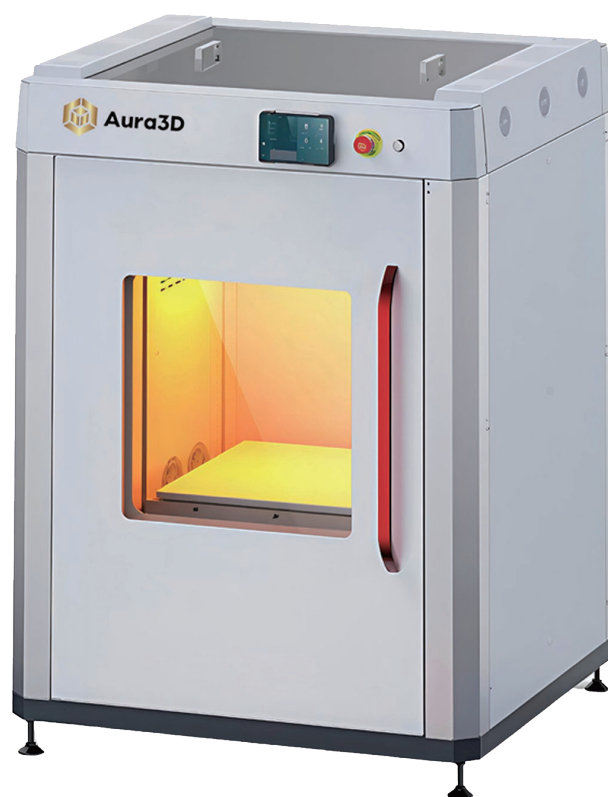


Specifications

| Model Number | Aura F6 | Aura F9 | Aura F12 |
|-----------------------------|--|-------------------|-------------------|
| Molding Dimensions | 600x600x600 mm | 860x820x1000 mm | 1200x1200x1200 mm |
| Overall Dimensions | 900x880x1330 mm | 1200x1180x1680 mm | 1500x1420x1860 mm |
| Printing Platform | Aluminum/Tempered Glass/PEI | | |
| Max Nozzle Temperature | ≤350°C(450°C is optional) | | |
| Optional Nozzle Diameter | 0.2-2.0 mm | 0.2-2.0 mm | 0.2-3.0 mm |
| Materials | PLA,PETG-CF/GF,ABS, ASA,PC,PA-CF,PP, TPU, TPV, EVA,PC-GF | | |
| Working Surface Temperature | ≤120°C | | |
| Filament Diameter | 1.75/2.85/3.5 mm Filamen | | |
| Drive Motor | Servo Motor | | |
| Storage Hopper Volume | 1/2/5kg | | |

HT A5 | HT A8

Industrial High Temperature 3D Printer



Specifications

| Model Number | HT A5 | HT A8 |
|-----------------------------|---|---|
| Molding Dimensions | 400x400x400 mm | 600x400x600 mm |
| Overall Dimensions | 900x880x1330 mm | 1200x1180x1600 mm |
| Printing Platform | Aluminum/Tempered Glass/PEI | Aluminum/Tempered Glass/PEI |
| Max Nozzle Temperature | ≤450°C | ≤450°C |
| Optional Nozzle Diameter | 0.6-3.0mm | 0.6-3.0mm |
| Materials | PLA,PETG-CF/GF,ABS,ASA,PC,PP, PA-CF,TPU,TPV,EVA,PEEK-CF,PC-CF | PLA,PETG-CF/GF,ABS,ASA,PC,PP, PA-CF,TPU,TPV,EVA,PEEK-CF,PC-CF |
| Chamber Heating | 100°C(200°C is optional) | 100°C(200°C is optional) |
| Working Surface Temperature | ≤120°C | ≤120°C |
| Material Particle Diameter | 1-5mm pellet | 1-5mm pellet |
| Drive Motor | Servo Motor | Servo Motor |
| Storage Hopper Volume | 6kg (FGF) | 10kg (FGF) |

HT F6 | HT F9 | HT F12

Industrial High Temperature FDM 3D Printer



Specifications

| Model Number | HT F6 | HT F9 | HT F12 |
|-----------------------------|--|-------------------|-------------------|
| Molding Dimensions | 600x600x600 mm | 860x820x1000 mm | 1200x1200x1200 mm |
| Overall Dimensions | 900x880x1330 mm | 1200x1180x1670 mm | 1500x1420x1860 mm |
| Printing Platform | Aluminum/Tempered Glass/PEI | | |
| Max Nozzle Temperature | ≤450°C | | |
| Optional Nozzle Diameter | 0.4-1.5 mm | | |
| Materials | PLA,PETG-CF/GF,ABS, ASA,PC,PA-CF,PP, TPU, TPV, EVA,PEEK-CF | | |
| Heating Chamber | 100°C(200°C is optional) | | |
| Working Surface Temperature | ≤120°C | | |
| Filament Diameter | 1.75/2.85/3.5mm Filament | | |
| Drive Motor | Servo Motor | | |
| Storage Hopper Volume | 1/2/5kg | | |

Aura Extruder

- ✓ **Flexible Material Deposition**
Including thermoplastics, composites, and bio-materials
- ✓ **Multi-Axis Control**
The robotic arm provides enhanced movement freedom
- ✓ **Increased Build Volume**
Ideal for large-scale 3D printing applications
- ✓ **Enhanced Automation & Efficiency**
Reduces human intervention and enhances consistency
- ✓ **Versatile Integration**
Can be integrated with CNC systems

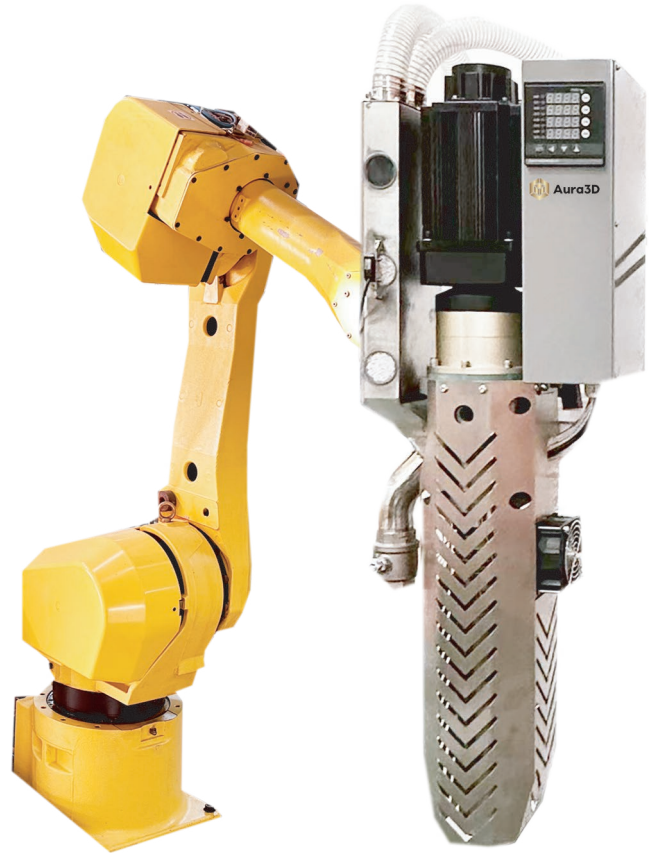


Applications

- **Large-Scale 3D Printing**
Used in construction, aerospace, and automotive industries for printing large components and prototypes.
- **Customized Manufacturing**
Enables on-demand production of complex, tailor-made parts with reduced material waste.
- **Biomedical Applications**
Facilitates the printing of prosthetics, bio-scaffolds, and tissue engineering structures with high precision.
- **Large-Scale 3D Printing**
Used in industries like shipbuilding and heavy machinery for on-site component repair and reinforcement.
- **Advanced Research & Development**
Applied in experimental material studies and hybrid manufacturing techniques combining additive and subtractive processes

Aura Extruder

E12 | E14 | E18 | E20

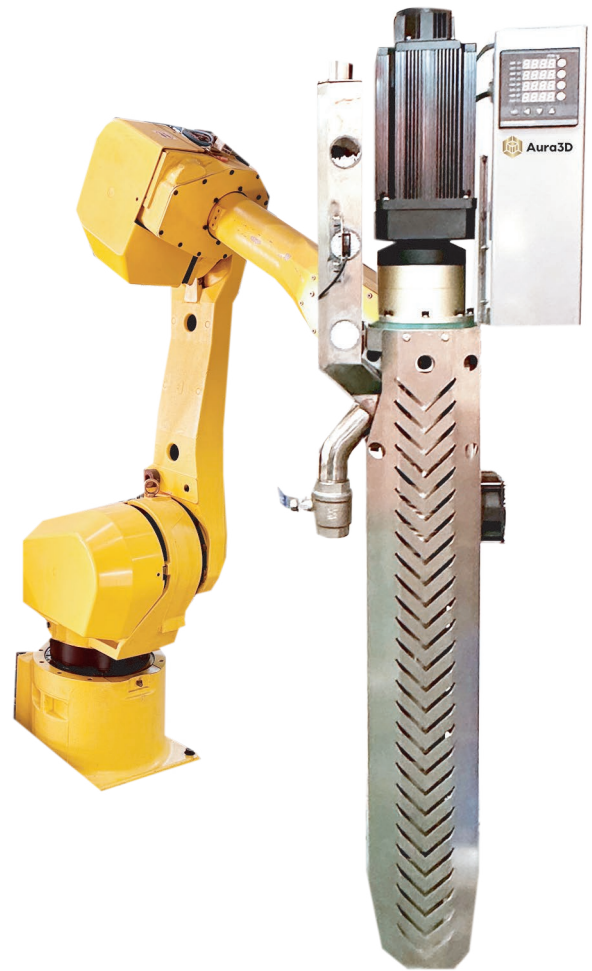


Specifications

| Model Number | E12 | E14 | E16 | E20 |
|--------------------------|--------|--------|--------|--------|
| Max Extrusion Output(KG) | 4 | 5 | 8 | 12 |
| Servo Motor Power(KW) | 0.4 | 0.6 | 1 | 1 |
| Heating Zones | 1 Zone | 2 Zone | 3 Zone | 3 Zone |
| Heating Power(KW) | 0.2 | 0.36 | 0.8 | 1.2 |
| Diameter(mm) | Ø0.4-4 | Ø0.6-6 | Ø1-8 | Ø1-10 |
| Hopper Capacity(KG) | 0.5 | 0.5 | 1 | 1 |
| External Heat Protection | Yes | Yes | Yes | Yes |
| Print Head Weight (KG) | 3 | 5 | 16 | 18 |

Aura Extruder

E26 | E36 | E45 | E55



Specifications

| Model Number | E26 | E36 | E45 | E55 |
|--------------------------|--------|--------|--------|--------|
| Max Extrusion Output(KG) | 15 | 25 | 35 | 45 |
| Servo Motor Power(KW) | 3 | 5 | 7.5 | 11 |
| Heating Zones | 3 Zone | 4 Zone | 5 Zone | 5 Zone |
| Heating Power(KW) | 3 | 4 | 6 | 8 |
| Diameter(mm) | Ø3-15 | Ø3-20 | Ø4-25 | Ø4-25 |
| Hopper Capacity(KG) | 1.5 | 1.5 | 2.5 | 2.5 |
| External Heat Protection | Yes | Yes | Yes | Yes |
| Print Head Weight (KG) | 35 | 55 | 80 | 95 |

Drying & Dehumidifying

All In One Compact Dehumidifying Dryer
(Energy-saving Type)



- ✓ Feeding system is equipped with shut-off valve no remaining material in hopper tube
- ✓ Dehumidification system adopts double cooler structure lower return air temperature and dew point.
- ✓ Closed-loop circulation for dehumidified air& feeding system avoid the possibility of moisture regain for absorbing outside air during material conveying.

Specifications




| Model Number | ACDD-25 | ACDD-50 | ACDD-100 | ACDD-200 | ACDD-400 | |
|-------------------------------------|--------------------------------------|----------|-----------|----------|----------|------|
| Hopper Capacity(KG) | 25 | 50 | 100 | 200 | 400 | |
| Drying Blower Power(50/60HZ)(KW) | 0.25/0.29 | 0.37/0.5 | 0.75/0.83 | 1.5/1.7 | 3.0/3.45 | |
| Drying Heater Power(50/60HZ)(KW) | 3 | 3 | 4 | 9 | 15 | |
| Conveying Blower Power(50/60HZ)(KW) | 1.1/1.2 | | | 1.5/1.7 | 2.21/2.5 | |
| Total Power(KW) | 4.4 | 4.5 | 5.9 | 12 | 20.2 | |
| Drying Time(H) | >4 | | | | | |
| Drying Point(°C) | Below -40°C | | | | | |
| Drying Temperature(°C) | 70~160 | | | | | |
| Drying Air Capacity(50/60HZ)(M/Hr) | 30 | 80 | 100 | 200 | 400 | |
| Regeneartion Type | Heatless Regeneration(Energy Saving) | | | | | |
| 重量 (KG) | 200 | 215 | 280 | 350 | 460 | |
| Weight(KG) | L (MM) | 920 | 1050 | 1150 | 1450 | 1940 |
| | W (MM) | 850 | 800 | 900 | 1000 | 980 |
| | H (MM) | 1620 | 2050 | 2250 | 2450 | 2650 |



Aura Pro1

16K 10.1" LCD 3D PRINTER






-  **Two Platforms & Automatic demolding**
-  **Closed-loop motor for higher precision stability, and reliability**
-  **Resin heating & Air purification**

Specifications

| Model Number | Aura Pro1 |
|---------------------|----------------|
| Build Volume | 212x118x150 mm |
| Printing Speed | ≤80mm/h |
| Light Source | 405nm COB |
| Layer Height | 0.01-0.1 mm |
| XY Resolution | 14x19μm |
| Slicing Software | CHITUBOX |
| Air Purifier | Yes |
| Resin Compatibility | Open Source |
| Display Screen | 10.1" |
| LCD Resolution | 16K |
| Product Dimensions | 370x335x550 mm |
| Package Dimensions | 450x410x670 mm |
| N.W/G.W | 28kg / 31kg |

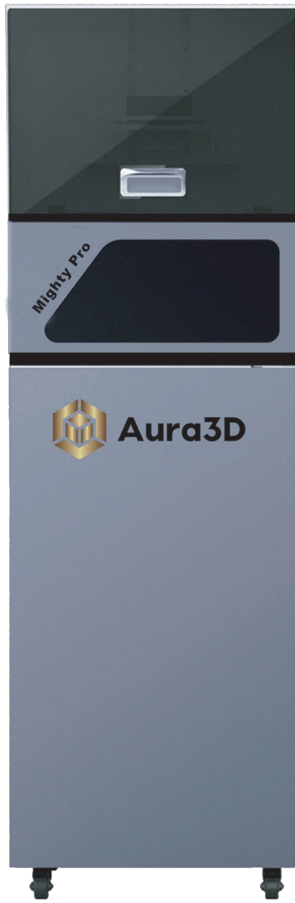
Mighty Mini 2 in 1








- 
100mm/h printing speed
- 
Automatic constant temperature & Resin odor purification system
- 
Built-in curing box

Specifications

| Model Number | Mighty Mini 2-in-1 |
|---------------------|--------------------|
| Build Volume | 153x78x150 mm |
| Printing Speed | ≤100mm/h |
| Light Source | 405nm COB |
| Layer Height | 0.01-0.1 mm |
| XY Resolution | 18μm |
| Slicing Software | CHITUBOX |
| Air Purifier | Yes |
| Resin Compatibility | Open Source |
| Display Screen | 6.8" |
| LCD Resolution | 9K |
| Product Dimensions | 340x285x515 mm |
| Package Dimensions | 440x380x660 mm |
| N.W/G.W | 20kg / 22.6kg |



Mighty Pro 3-in-1

-  Automatic demolding
-  Automatic resin feeding
-  Closed-loop motor for higher precision, stability, and reliability
-  Resin heating & air purification
-  All-in-One printing, curing & storage




Specifications

| Model Number | Mighty Pro 3-in-1 |
|---------------------|-------------------|
| Build Volume | 228x128x150 mm |
| Printing Speed | ≤80mm/h |
| Light Source | 405nm COB |
| Layer Height | 0.01-0.1 mm |
| XY Resolution | 14x19μm |
| Slicing Software | CHITUBOX |
| Air Purifier | Yes |
| Resin Compatibility | Open Source |
| Display Screen | 10.1" |
| LCD Resolution | 16K |
| Product Dimensions | 450x313x1425 mm |
| Package Dimensions | 1570x630x560 |
| N.W/G.W | 90kg / 105kg |



Aura Cure K1

HIGH SPEED CURING

-  **Rapid Curing**
-  **Variable Light Intensity**
-  **Modifiable Wavelength**

Specifications

| | |
|-----------------------|-------------------|
| Model Number | Aura Cure K1 |
| Curing size | 180x180x120 mm |
| Rated power | 200W |
| Light intensity ratio | 10-100% |
| Curing optional time | 01:00-99:00 |
| Wave length | 365nm/385nm/405nm |
| Control panel | LCD Touch Screen |
| Package size | 370x320x580mm |
| N.W/G.W | 8kg/10.5kg |

Ultrasonic Cleaner

"Auto" One-touch
Button Of Automatic
Working Mode



Specifications

| Model | Ultrasonic Cleaner |
|----------------------|------------------------------|
| Tank Volume | 3L(0.8 gal.)10L 22L optional |
| Ultrasound Power | 120W |
| Ultrasound Frequency | 28/40kHz |
| Timer Setting Range | 1~99 minutes |
| Heating Temperature | Up to 80 C°(175°F) |
| Heater Power | 100W |
| Tank Material | SUS304 Stainless Steel |
| Package size: | 310x210x280 mm |
| N.W/G.W: | 4kg/5kg |

Pellets

✓ **Cost Reduction by 60-70%**

✓ **Reduced Waste**

PLA



- Eco Friendly
- Biodegradable
- Cost Effective
- Easy Processing
- Low Melting point
- Non-Toxic

rPETG



- Durability
- Impact-resistant
- Moisture-resistant
- Flexible & Strong
- Heat-resistant
- Eco-Friendly

PETG-GF



- Enhanced Strength
- Stable Dimensions
- Higher Heat Resistance
- Chemical-resistant
- Moisture-resistant
- Eco-Friendly

PP



- Lightweight
- Chemically-resistant
- Toughness
- Low moisture absorption
- Thermally stable
- Cost-effective

ABS



- High Impact Resistance
- Lightweight
- Thermally Stable
- Easily Processes
- Affordable
- Widely-available

ABS-CF



- High Strength
- Stiffness
- Lightweight
- Reduced Warping
- Heat-resistant

PA-GF



- Increased Strength
- Improved Thermal Stability
- High-temperature applications
- Enhanced Durability
- Superior Dimensional Stability
- Chemical Resistance

HTPA-CF



- Enhanced Mechanical Strength
- Improved Thermal Stability
- Superior Chemical Resistance
- Lightweight

PC-CF



- Exceptional Strength
- Lightweight
- High Heat Resistance
- Dimensional Stability
- Chemical Resistance

PPS



- Heat-resistant
- Chemical-resistant
- Strong
- Dimensionally Stable
- Flame-resistant
- Low moisture Absorption

Filament

- ✓ Optimal Printing Performance
- ✓ Various Color Options
- ✓ Available in 1/3/5/10kg

TPU



- Dry at 70°C for 8 hours
- Nozzle at 200-220°C, bed at 40-60°C
- High elasticity and toughness
- Excellent adhesion, wear & UV resistance
- Works with most 3D printers

Matte PLA



- Offers a high-grade matte surface
- Nozzle at 200-230°C, bed 60-75°C
- Supports are easier to remove than regular PLA
- Eco-Friendly
- Simple to use, great for beginners

Metallic PLA



- Mimic the aesthetic of metal in plastic products
- Similar to PLA+ with less brittleness
- Nozzle at 190-220°C, bed temperature 60°C
- Transitioning from plastic to cardboard spools
- Ideal for parts requiring aesthetic appeal

Galaxy PETG



- Dual color and glitter effect
- Use wear-resistant steel nozzles
- High Toughness & Heat Resistance
- Achieves speeds up to 200 mm/s
- Reduced Clogging

Silk PLA



- Produces models with a silky luster and texture
- Nozzle at 195-225°C, bed 60-75°C
- Made from high-quality polylactic acid
- Eco-Friendly
- Simple to use for beginners

PLA-CF



- Contains chopped carbon fiber
- Offers a unique texture and matte finish
- Exhibits minimal shrinkage and no warping
- Use wear-resistant steel nozzles
- Nozzle at 220-250°C, bed temperature of 65-70°C

Engineering Filament

- ✓ Optimal Printing Performance
- ✓ Various Color Options
- ✓ Available in 1/3/5/10kg

PETG-CF



- Nozzle at 240-270°C
- Uses wear-resistant steel nozzles
- High Strength and Lightweight
- Improved Formula
- 3-5 times faster than competing brands

PET-CF



- Nozzle at 260-290°C, bed temperature of 90-100°C
- Contains chopped carbon fibers
- Use wear-resistant steel nozzles
- Offers exceptional thermal resistance
- High dimensional stability, ensuring durable and precise prints

HTPA-CF



- High heat resistant
- Great Surface and light weight
- Suggested Printing Temp: 240°C-260°C
- Suggested Bed Temp: 50°C
- Suggested Printing Speed: 30-60mm/s

PP-CF



- High Strength and Stiffness
- Good Heat Resistance
- Low Density and Lightweight: 0.94g/cm
- Printing Temperature: 230°C-280°C
- Exceptional Chemical Resistance

PETG-GF



- Nozzle at 260°C, bed temperature of 80°C
- Use wear-resistant steel nozzles
- Glass fiber reinforcement significantly
- Offers excellent resistance to heat and chemicals.
- Available in multiple colors

PC-GF



- Provides a high-grade, stiffness and warpage resistance
- Achieves speeds up to 300mm/s
- Nozzle at 275-295°C and bed temperatures of 100-110°C
- Offers high toughness and excellent layer bond

Dental Resin

- ✓ High Precision
- ✓ Strong Durability
- ✓ Biocompatible

Ortho Model Resin



Surgical Guide Resin



Dental Casting Resin



Removable Die Model Resin



Dental Resin

Temporary Restoration Resin



Water-washable Ortho Model Resin



Gingiva Mask Resin



Water-washable Removable Die Model Resin



Try-in Resin

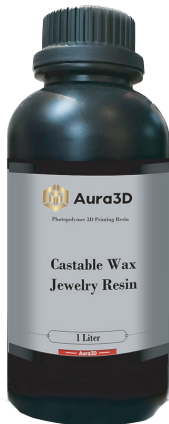


Denture Base Resin



Jewelry Resin

- ✓ Low Shrinkage
- ✓ Minimal Expansion
- ✓ Excellent Burnout For Casting



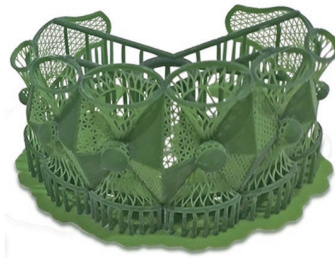
Castable Wax Jewelry Resin



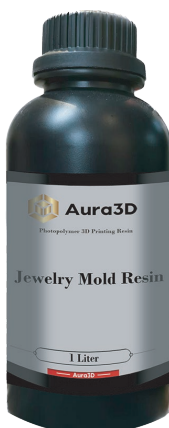
- Red
- Green
- Purple



Castable High Wax Jewelry Resin



- Red
- Green
- Dark Green
- Yellow
- Purple





Jewelry Mold Resin



- Orange
- Grey

General Purpose Resin

-  High Detail and Smooth Finish
-  Suitable for LCD/DLP/SLA 3D Printing

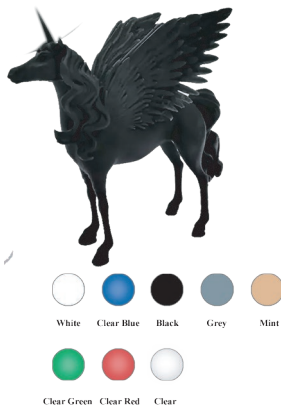
Standard Resin



Water Washable ABS Like Resin



Plant Based Standard Resin



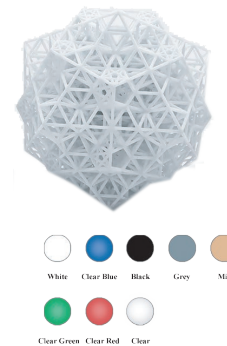
Water Washable Resin



Art-Engineering Resin



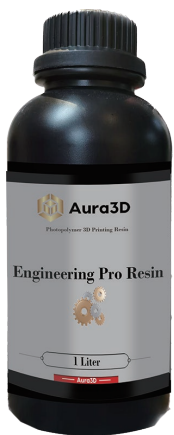
Plant Based ABS Like Resin



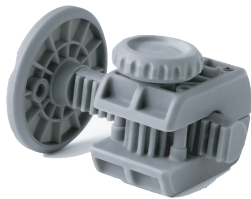
Engineering Resin

✔ 355/385/405nm Industrial Resin are customizable

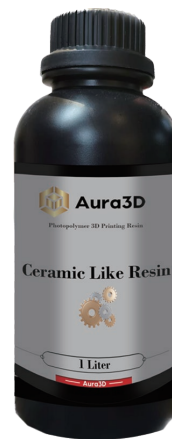
Engineering Pro Resin



- Durable
- Anti-Scratch
- Perfect for Prototyping



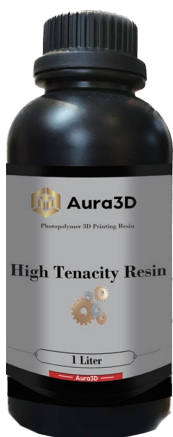
Ceramic Like Resin



- Durable
- Precision
- High temperature resistance



High Tenacity Resin



- Great tenacity than ABS like
- Similar to PP property
- Great tactile for part like handle
- Supper strong and scratch resistance



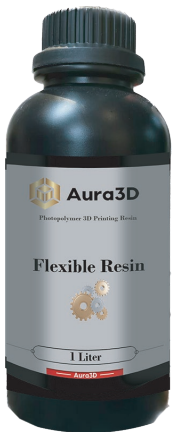
High Transparent Resin



- High clear like crystal
- Mechanical property is like acrylic
- Earplug, keyboard cap&glasses



Flexible Resin



- Soft property
- Allows to bend or compress
- High elongation property

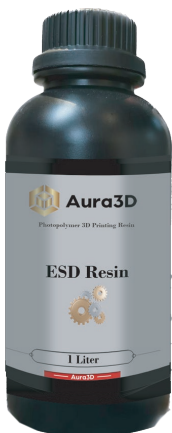


Glow in Dark Resin



- Low Shrinkage
- High Precision
- Light Emitting

ESD Resin



- Functional prototypes and end Products
- Complex designs with intricate details
- Cost Effective



Flame Redardant Resin



- Self-extinguishing
- Halogen-free
- Ideal for interior parts



Industrial Applications

With excellent layer adhesion and minimal shrinkage, Aura3D's **two-component elastic resin** is the perfect choice for projects requiring high elasticity and impact resistance. Ideal for engineering, automotive, medical, and artistic uses, this resin provides a superior finish, giving you the edge in both design and functionality. Need customized printing? We offer tailored 3D printing services to meet your specific needs. Whether you're looking to print flexible helmets, hearing aids, sports shoes, or any other specialized item.

Hearing Aids



Aura3D Hearing Aids Offers excellent flexibility, strength, and a smooth finish, it ensures a comfortable fit and durability for medical applications.

Sports Shoes



Aura3D offers high-performance 3D printed sports shoe uppers and soles, combining lightweight design, durability, and superior comfort.

Sports Helmet Liner

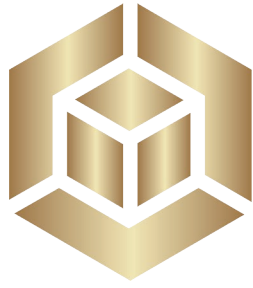


Aura3D specializes in advanced slow rebound helmet liners, offering superior impact absorption and comfort.

Sports Gear



Aura3D utilizes advanced 3D printing technology to create high-performance sports gear, including the hollow bicycle saddle.



Aura3D

Precision in Every Layer



**On Site/Virtual
Training**



**Same Day
Response**



**Free Software
Upgrade**



**Free Production
Failure Detection**



**One to Three
Year Warranty**



**After-sales Expert
Follow up**

**A Leading US-based
Additive Manufacturing Company**



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