AIDENT

AIDENT



DIGITAL DENTAL SOLUTIONS

Complete Workflow Scan to Finish

Precision | Efficiency | Innovation

www.aident3d.com

COMPANY PROFILE



Shenzhen Aident Technology Co., Ltd. is a leading provider of comprehensive digital dental solutions, specializing in the research, development, and manufacturing of advanced 3D printing systems, materials, and accessories for the dental industry. With over a decade of expertise, we are committed to delivering innovative, reliable, and user-friendly products that empower dental professionals worldwide to achieve exceptional clinical outcomes.

OUR CORE VALUES

Innovation
Continuous R&D for cutting-edge technology

Quality
ISO-certified manufacturing excellence

Service
Dedicated customer support worldwide

30+
Countries Served
Global market presence

5000+
Satisfied Customers
Trusted by professionals

10+
Years Experience
Industry expertise

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AI-30 INTRAORAL SCANNER

25mm Scan Depth
Deep cavity & margin capture

Standard and Mini Dual Size Scanner Tips
Meet different scanning needs



⩽10μm Accuracy
ISO 12836 certified

198g Ultra-Light
Fatigue-free scanning

>30 FPS Capture
Fast edge capture

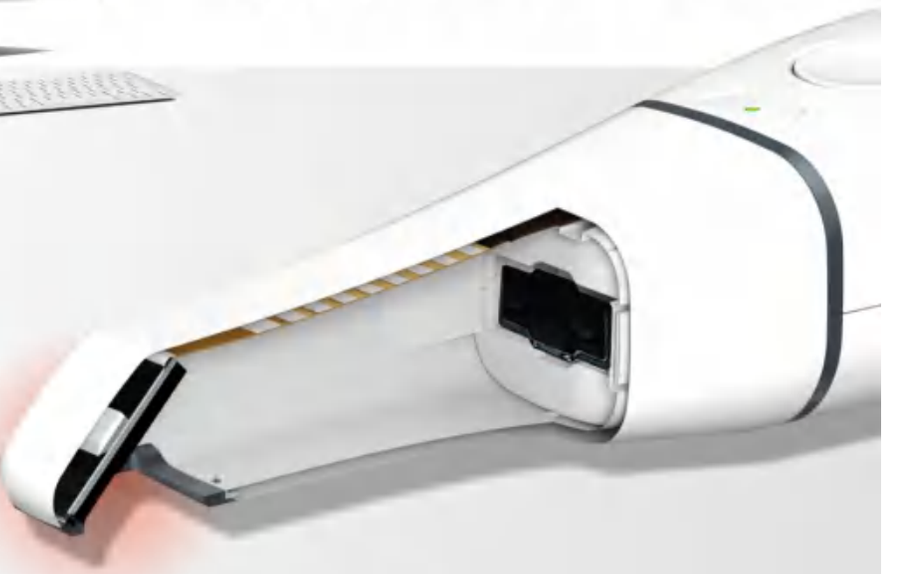
Detachable Tail Line
Flexible and convenient connection

KEY FEATURES



Cloud Intelligence
Boundless Collaboration

Global cloud infrastructure breaking geographical barriers in dental care



Intelligent Anti-Fog Optics

Powder-free workflow with built-in constant-Temperature heating elements prevent lens fogging under humid intraoral conditions



Seamless CAD Integration

100% open system with instant STL, PLY, and OBJ export. Direct integration with Exocad,3Shape, and other leading CAD software platforms

TECHNICAL SPECIFICATIONS

Mini Tip Size	12mm x 10mm (Pediatric)
Standard Tip Size	16mm x 15mm
Scanning Frame Rate	>30 frames/sec
Net Weight	198g Ultra-Lightweight
Scanning Depth Range	0 - 25mm
Scanning Accuracy	⩽10μm (ISO 12836 Certified)
Scanner Tip	3 standard Tips/1 mini-size Tip

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≤6μm Accuracy



ISO 13485

CE

ISO 9001 SGS

AI-S3

HIGH-SPEED DESKTOP SCANNER

PRODUCT OVERVIEW

Breaking through lab production bottlenecks with blue-light fringe projection technology. Designed for high-volume labs, delivering 50%+ throughput acceleration with AI-powered intelligent scanning.



1s
Occlusion



8.5s
Single Arch



18s
Full Impression

KEY FEATURES



Blue Light Grating Projection Technology

Employs structured blue-light grating projection optics to filter ambient light interference, achieving full-arch scanning accuracy within 6 microns. Eliminates manual light path adjustment with integrated AI screw channel closure algorithm.



True Color Texture Capture

One-click switch to HD color texture scanning for precise margin delineation and custom bridge path marking.

AI-Powered Scanning Ecosystem

Auto-calculation and intelligent re-scan support. Eliminates manual adjustments.

Integrated AI Teeth Sorting & Order Dispatch System

Software auto-identifies 25 different teeth positions in 2 seconds and matches with corresponding order boxes. Buzzer and LED prompt efficiently guide technicians

TECHNICAL SPECIFICATIONS

Scanning Accuracy	⩽0.006mm (IS0 12836)
Camera Resolution	2 x 2.4MP
Scan Area	94 x 89 x 60mm
Texture Capture	True Color Texture Scanning
Software Compatibility	Exocad & 3Shape/STL/PLY/OBJ Export
Dimensions	393mm x 271mm x 264mm
Net Weight	6.5kg



≤5μm Accuracy

AI-S9

DENTAL HIGH-ACCURACY DESKTOP SCANNER

PRODUCT OVERVIEW

Engineered for demanding lab applications requiring maximum accuracy. Dual 5MP industrial cameras deliver 5μm precision for multi-unit bridges,implant bars, and full-arch frameworks. Seamlessly integrates with Exocad and 3Shape workflows.

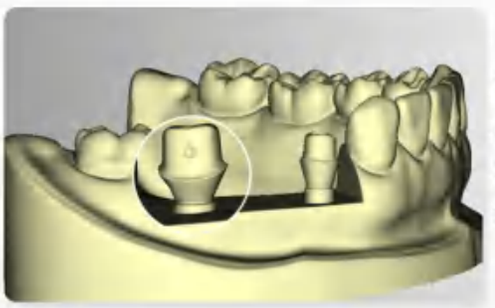


1s
Occlusion

10s
Single Arch

20s
Full Impression

KEY FEATURES



Dual 5MP Industrial Camera System

Employs dual 5-megapixel industrial-grade cameras with advanced optics to capture ultra-high-resolution scans. Achieves ⩽5μm accuracy (ISO 12836) for complex multi-unit bridges, implant bars, and full-arch frameworks requiring maximum precision.



Seamless CAD/CAM Integration

Fully compatible with Exocad and 3Shape software platforms. Exports STL/PLY/OBJ formats for universal workflow compatibility. Open system architecture supports third-party design tools.

Optimized Workflow

Rapid scanning with intelligent algorithms. Reduces manual adjustments and rework.

True Color Texture Capture

One-click switch to HD color texture scanning for precise margin delineation and custom bridge path marking.

TECHNICAL SPECIFICATIONS

Scanning Accuracy	⩽0.005mm (IS0 12836)
Camera Resolution	2 x 5MP
Scan Area	96mm x 82mm x 60mm
Texture Capture	True Color Texture Scanning
Software Compatibility	Exocad & 3Shape /STL/PLY/OBJ
Dimensions	393mm x 271mm x 264mm
Net Weight	6.5 kg

PREMIUM CLINICAL CART WORKSTATION

PRODUCT OVERVIEW

Engineered for clinical mobility with NVIDIA RTX graphics acceleration, medical-grade ergonomic chassis, and integrated UPS battery system. Seamlessly move between operatories while maintaining full computing power for real-time scanning and CAD/CAM workflows.





Medical-Grade Ergonomic Design

Antibacterial flame retardant ABS shell with silent omnidirectional casters for smooth clinical movement.



Integrated UPS Power Module

Optional 720W/24v lithium battery UPS module enables seamless cross-room mobility without power interruption.

KEY FEATURES



Direct Scanner Power Interface

Equipped with Type-C direct power port (5V/3A} for powering intraoral scanners directly from the workstation. Eliminates additional power adapters and cables clutter in clinical environments.

NVIDIA RTX Graphics Engine

Powered by NVIDIA GeForce RTX graphics cards with base configuration of i7 processor and RTX 3060, Upgradeable to i9 with RTX 4060/5060 for accelerated point cloud reconstruction and real-time CAD/CAM rendering.

TECHNICAL SPECIFICATIONS

Operating System	Windows 10 /11 Enterprise
Graphics Card	RTX 3060/4060/5060
Storage	1TB M.2 NVMe SSD + 2x SATA 3.0
Power Supply	Optional 720W/24V Lithium UPS
Total Weight	Approx. 33 kg
Processor Options	Intel i7 / i9 (Configurable)
Memory	32GB DDR4/DDR5
Display	23.8" FHD IPS Touchscreen
Dimensions	L58cm x W57cm x H135cm
Connectivity	Type-C 5V/3A Direct Power

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4K HD LCD Panel

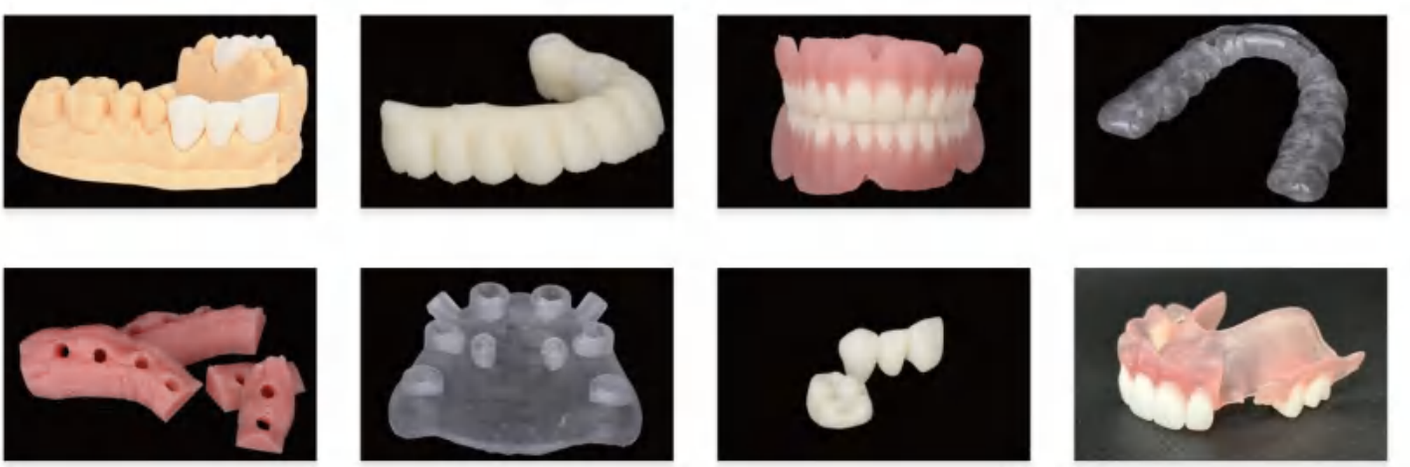
0.034mm XY Resolution
High Precision Output

AI-C60

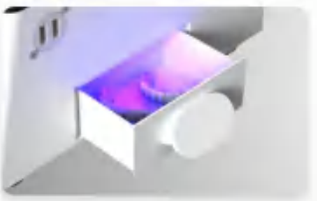
CHAIRSIDE SMART 3D PRINTER

PRODUCT OVERVIEW

Optimized for Single-Visit Clinical Workflows. High-power uniform COB collimated light source enables rapid curing: temporary crowns in 13 minutes, standard dental models in 20 minutes. Industrial-grade rigid mechanical zero-position locking structure eliminates manual leveling errors.

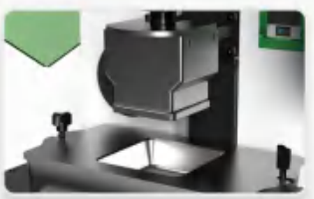


KEY FEATURES



Built-in Curing Lamp

Integrated curing function without external auxiliary equipment, lightweight and high-efficiency.



Ultra-Fast Printing

Adopted mini optimized build platform & special resin vat to shorten forming stroke.



Meet Multi-Printing Needs

Simplify operation workflows and boost work efficiency.

TECHNICAL SPECIFICATIONS

Model	AI-C60
Screen	4K Resolution
Light Source	COB Technology
Pixel Pitch	0.034*0.034 mm
Z-Axis	Ground Screw Module
Display	7-inch Touchscreen
Build Size	Standard: 134.4mm x 84mm x 60mm Mini :60mm x 60mm x 60mm
Net Weight	13 KG
Printing Speed	13 min per crown / 20 min per model
Supported Software	CHITU, Tango
File Formats	STL，CTB，SLC
Transmission Mode	USB, LAN
Build Platform Material	Metal
Overall Dimensions	320mm x 250mm x 330 mm

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14K Ultra-High Resolution

Micron-Level Pixel Control

ISO 13485

CE

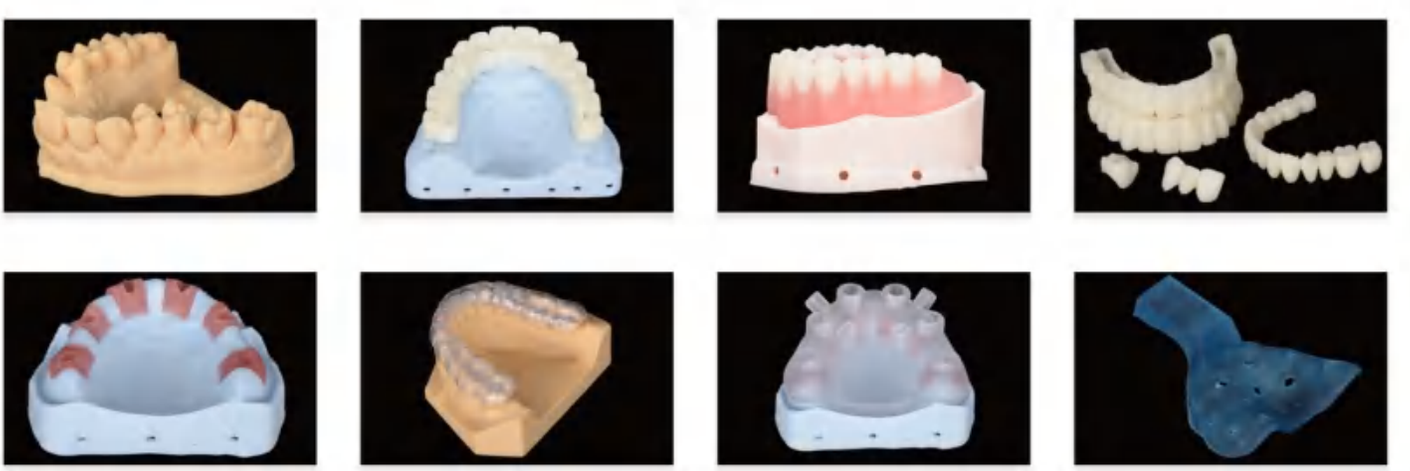
ISO 9001 SGS

AI-220

MULTI-FUNCTION LABORATORY 3D PRINTER

PRODUCT OVERVIEW

14K ultra-high resolution light array screen delivers micron-level accuracy for orthodontic models and detailed dental anatomy, C5-grade ground dual ball screw Z-axis with dual linear guide rails ensures stability for high-volume batch printing.



KEY FEATURES



14K Ultra-High Resolution Light Array Screen

Micron-level pixel control accurately reproduces subgingival margin details and tooth morphology for orthodontic models.



Zero-Leveling Laboratory Production Design

Reduces downtime and supports 24/7 full-load operation for continuous reliable performance.

C5-Grade Ground Dual Ball Screw Z-Axis System

Dual linear guide rails effectively prevent layer shifting and Z-axis wobble, ensuring stability for high-density batch printing tasks.

TECHNICAL SPECIFICATIONS

Model	AI-220
Net Weight	26 kg
Light Source	COB Technology
Printing Speed	15–45 mm/h
Accuracy	±0.03 mm
Display	7-inch Touchscreen
Temperature Control	Supported
Alarm Notification	Print error alert supported
Open System	Compatible with 385 nm & 405 nm resin materials
Built-in Parameter Setting	Users can configure multiple sets of printing parameters
Overall Dimensions	400mm x 330mm x 544 mm
Build Size	223mm x 126mm x 150 mm
Total Power	150 W
File Formats	STL，CTB，SLC
Transmission Mode	USB, LAN
Screen Resolution	13320 x 5120
Input Voltage	110–220 VAC, 50/60 Hz
Equipment Lifespan Statistics	Supported
Optional Functions	External Portable Dosing SystemAuto Resin Feeding



7K Resolution
Large Build Vat
Batch Synchronous Printing

AI-300

DENTAL HEAVY-DUTY 3D PRINTER

PRODUCT OVERVIEW

Heavy-Duty Parallel Dual Linear Rail Array. Reinforced dual industrial-grade linear rails counteract peel forces during large-format printing, ensuring consistent accuracy from build platform center to edge.



Heavy-Duty Parallel Dual Linear Rail Array

Reinforced dual industrial-grade linear rails counteract peel forces during large-format printing, ensuring consistent accuracy from build platform center to edge.

KEY FEATURES



High-Throughput Build Range

Large build vat supports batch synchronous printing of restoration models and aligner prototypes, significantly boosting daily production capacity.

100% Open Photopolymer Material Architecture

Fully open system adapts to high-viscosity industrial resins, serving as a flexible manufacturing platform for mass production laboratories.

TECHNICAL SPECIFICATIONS

Model	AI-300
Net Weight	35 kg
Resolution	7K
Printing Accuracy	0.046 mm
Light Source Tech	LCD Photocuring
Display	Embedded Color Touchscreen
Component Grade	Professional Industrial Components
Intelligent System	Constant Temperature Control + Auto Nesting
Overall Dimensions	360mm x 440mm x 570 mm
Build Volume	298mm x 165mm x 150 mm
Total Power	300 W
File Formats	STL，CTB，SLC
Printing Speed	15–45 mm/h
Input Voltage	110–220 VAC, 50/60 Hz
Alarm Notification	Print Error Alert

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High-Performance Post-Processing & Curing System



G-20

UV CURING MACHINE

Multi-angle high-power LED array

With internal high-efficiency reflectors achieves omnidirectional uniform curing, eliminating uncured dead zones in complex bridge structures

Active Airflow Preheating & Thermal Dehydration

Forced hot air circulation with infrared sensors maintains temperature at 30°C-35°C. Preheating reduces shrinkage stress, enhances flexural strength, and prevents micro-cracks.

TECHNICAL SPECIFICATIONS

Overall Dimensions	310mm x 300mm x 290 mm
Weight	9 kg
Power Input	110V–230V, Output 24V–48V
Light Wavelength	385–405 nm
Light Intensity Range	0–3600 mW
Drying Temperature	Ambient to 80°C (Customizable)
LED Lifespan	⩾50,000 Curing Cycles
Housing Material	Metal

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F-10

DENTAL SCAN POWDER

30x More Applications

2,000 abutment scans per jaw.
60-70 with spray

Zero Waste

Nearly 0% waste vs. 60% waste rate with spray products

Safe & Easy Transport

Non-hazardous for air freight, unlike spray canisters

Clean Workspace

No overspray residue or workplace contamination

SUPERIOR COATING PRECISION



Brush application ensures uniform thickness



Spray typically produces uneven coatings thicker than 12 µm



Powder delivers finer, more consistent results

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1650°C Chamber
Precision Temperature Control

K10 PRO

RAPID SINTERING FURNACE

PRODUCT OVERVIEW

Processes up to 30 zirconia restorations simultaneously without compromising translucency or mechanical properties. 1650°C high-temperature chamber with micro-PID precision control ensures uniform crystal growth. 100°C/min heating rate significantly shortens overall sintering cycle.



MoSi2 Heating Elements
High-quality silicon molybdenum rod heating components with long service life, preventing discoloration contamination of dental restorations.

KEY FEATURES



200 Editable Process Recipes

Built-in touchscreen stores 200 custom program modes with G1,G20 recipe grouping, each program contains 10 independent temperature segments.

100% Open Photopolymer Material Architecture

Fully open system adapts to high-viscosity industrial resins, serving as a flexible manufacturing platform for mass production laboratories.

TECHNICAL SPECIFICATIONS

Rated Voltage	220V±10%
Rated Frequency	50Hz/60Hz
Rated Power	3000W Integrated High-Efficiency Thermal Matrix
Protection Rating	IP21 Laboratory Dust & Drip Proof
Physical Dimensions	42cm x 56cm x 83cm (WxDxH)
Net Weight	72kg (Robust Metal Housing)
Shipping Dimensions	55cm x 69cm x 99cm (Wooden Crate)
Shipping Weight	94 kg



1150°C Max
Uniform heating

A7 PRO

INTELLIGENT PORCELAIN & GLAZING FURNACE

PRODUCT OVERVIEW

Independent dual-stage thermal process enables effect inspection before final delivery. Sealed quartz tube chamber provides 360° uniform radiant heating for smooth glazing and natural translucency. Oil-free vacuum system maintains ⩾97% output for pore-free ceramic surfaces.



Oil-Free Silent Vacuum Pump
6.5kg oil-free vacuum unit creates low-noise clean negative pressure environment.

KEY FEATURES



Sealed Quartz Tube Chamber

360° uniform radiant heating achieves smooth glazing and natural translucency.

Dual-Stage Crystallization Curve

Independent dual-stage thermal process enables effect inspection before final firing

Double-Layer Metal Thermal Shield

Dual-layer insulated housing keeps surface cool and extends equipment lifespan.

TECHNICAL SPECIFICATIONS

Input Voltage/Frequency	220V/50Hz ±10%
Maximum Input Power	1200W (Sintering Matrix)+ 350W (Vacuum Drive)
Final Vacuum Output	⩾97%(⩽3kPa Absolute Pressure Under Deep Load)
Equipment Dimensions	32.5cm x 42cm x 55cm (WxDxH)
Base Net Weight	24.6 kg
Chamber Internal Dimensions	ϕ85mm x 55mm
Heating Rate	1-100°C/min Stepless PID Control Cycle
Maximum Rated Temperature	1150°C (Ultimate Thermal Range)
Soak/Hold Time	00:00-120:00 Minutes (Custom Interval Window)
Compliance	Fully Compliant With CE Directives and ISO Quality Management Standards

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MODEL E RESIN



KEY FEATURES

Low Viscosity Formula

Reduces resin residue on prints, improves ultrasonic cleaning efficiency by 50%

Cost-Effective Solution

High value for high-volume production workflows

APPLICATIONS



High-volume master models



Orthodontic working models



Study models



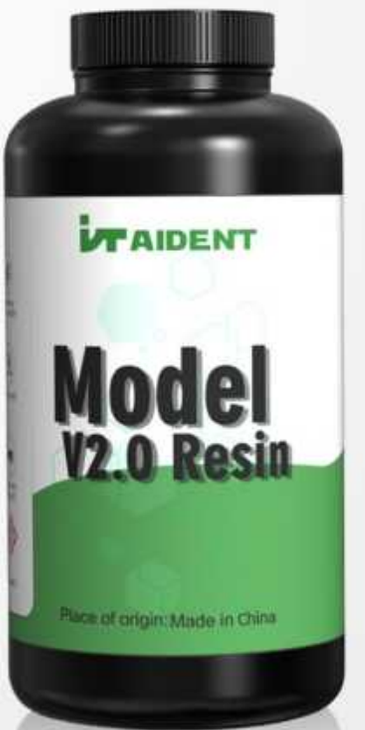
Clear aligner thermoforming patterns

TECHNICAL SPECIFICATIONS

Color	Almond	**Tensile Strength**	60-70 MPa
Viscosity	222 mPa · s	**Flexural Strength**	50-60 MPa
Density	1.113g/cm³	**Flexural Modulus**	900-1000 MPa
Hardness	87A		

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MODEL V2.0 RESIN



KEY FEATURES

Excellent Surface Quality

Smooth finish with minimal post-processing requirements

APPLICATIONS



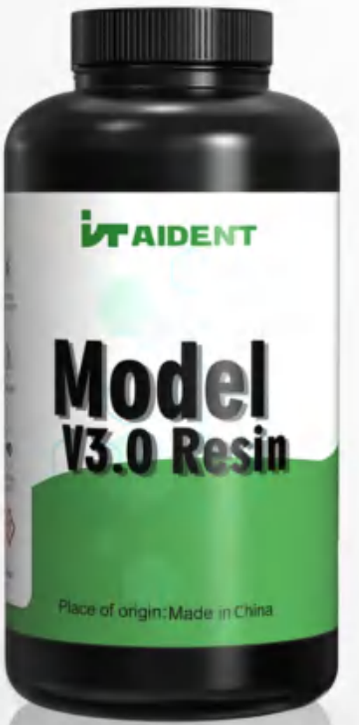
- **High-precision dental models**
- **Orthodontic applications**
- **Master models**
- **Diagnostic Models**

TECHNICAL SPECIFICATIONS

Color	Yellow/Grey	**Tensile Strength**	50-60 MPa
Viscosity	259.3 mPa · s	**Flexural Strength**	74.5-78.5 MPa
Density	1.056g/cm³	**Flexural Modulus**	2148-2334 MPa
Hardness	84A		

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MODEL V3.0 RESIN



KEY FEATURES

Minimal Volume Change

Less than 0.1% volume change within 15 days for long-term dimensional stability

High Dimensional Accuracy

Exceptional precision for dental models and orthodontic applications

Smooth Surface Finish

Minimal post-processing required with excellent

APPLICATIONS



- **Precision dental models**
- **Orthodontic study models**
- **Implanting models**
- **Diagnostic models**

TECHNICAL SPECIFICATIONS

Color	Yellow/Grey	**Tensile Strength**	36.5-46.8MPa
Viscosity	259.3 mPa · s	**Flexural Strength**	78.8-84.2MPa
Density	1.056g/cm³	**Flexural Modulus**	2389-2561MPa
Hardness	88A		

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MODEL TF RESIN



KEY FEATURES

Exceptional Heat Resistance

Maintains stability at elevated temperatures

High Dimensional Accuracy

Minimal shrinkage for precise models

Superior Mechanical Properties

Enhanced strength and durability

APPLICATIONS



- **Heat-resistant dental models**
- **High-temperature functional parts**
- **Engineering prototypes**
- **Precision tooling fixtures**

TECHNICAL SPECIFICATIONS

Color	Amber	**Flexural Strength**	89.8-94.6MPa
Viscosity	255.4mPa · s	**Flexural Modulus**	1724-1819MPa
Density	1.125g/cm³		
Hardness	88A		

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GINGIVA RESIN



CE

KEY FEATURES

Natural Gingiva Shades
Mimics the material of human gums for a more realistic appearance.

Soft & Elastic
Shore Hardness 30A-50A for tissue-like feel

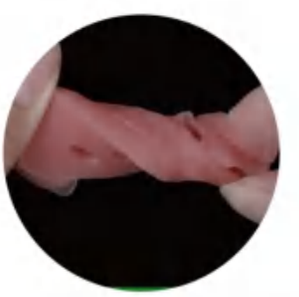
Dimensional Stability
<0.3% shrinkage for accurate models

Realistic Simulation
Mimics natural soft tissue properties

APPLICATIONS


Prosthetic gingiva reproduction


Gingival mask models


Soft tissue training models


Implant soft tissue simulation

TECHNICAL SPECIFICATIONS

Color	Pink purple	**Elongation at Break**	⩾200%
Viscosity	84.91 mPa · s		
Density	1.031g/cm^3		
Hardness	36A		

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FLEXIBLE BASE RESIN



KEY FEATURES

High Flexibility

⩾45% elongation at break

Fatigue Resistant

Long-lasting performance without hardening

Superior Comfort

Soft tissue cushioning for better fit

Biocompatibility

Low water absorption, safe for oral use

APPLICATIONS



Immediate digital removable prosthetics



Clasp-free removable partial denture bases



Digital fexible partial dentures

TECHNICAL SPECIFICATIONS

Color	Translucent Pink	**Elongation at Break**	20.1%-26.3%
Viscosity	418.4 mPa · s	**Tear Strength**	8-11 MPa
Density	1.115g/cm^3		
Hardness	77A		

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Try-in Resin

KEY FEATURES

Natural Aesthetics
Tooth-like appearance for patient confidence

Easy Removal
Facilitates smooth transition to permanent restoration

Biocompatible & Stable
Safe for short-term intraoral use



CE

APPLICATIONS



Temporary crowns and bridges



Chairside immediate temporaries



Provisional restorations during treatment

TECHNICAL SPECIFICATIONS

Color	A1,A2,A3,B2,C2,OM1	**Tensile Strength**	73.9-84.9 MPa
Viscosity	419.4 mPa · s	**Flexural Strength**	83-93 MPa
Density	1.368g/cm³	**Flexural Modulus**	2107-2241 MPa
Hardness	85A		

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CERAMIC C&B RESIN



KEY FEATURES

48% Nano-Ceramic

High-concentration ceramic integration for rigidity boost

199 MPa Flexural Strength

Ceramic particle reinforcement for structural rigidity

Natural Tooth-Like Hardness

Extreme surface hardness with crack resistance

APPLICATIONS



- **Complex high-load implant bridge try-ins**
- **Full-arch high-hardness immediate restorations**
- **Severe bruxism cases requiring crack resistance**
- **6-month intraoral service life**
- **Medium to long-term temporary crowns and bridges**

TECHNICAL SPECIFICATIONS

Color	A1,A2,A3,B2,C2,OM1	**Flexural Strength**	199 MPa
Viscosity	400.5 mPa · s	**Flexural Modulus**	1242-1335 MPa
Density	1.049g/cm^3		
Hardness	88A		

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DENTURE BASE RESIN



KEY FEATURES

Superior Strength
Flexural strength 82-92 MPa

Good Biocompatible
Safe and comfortable for oral use

Excellent Stability
Linear shrinkage< 0.4%, long-term dimensional accuracy

APPLICATIONS



denture frameworks



Complete denture bases



Long-term prosthetic appliances

TECHNICAL SPECIFICATIONS

Color	Pink	**Flexural Strength**	82-92 MPa
Viscosity	400.5 mPa · s	**Flexural Modulus**	2191-2369 MPa
Density	1.049g/cm³		
Hardness	88A		

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MODEL W1.0 RESIN



KEY FEATURES

Tap Water Cleaning

No alcohol or solvents needed, rinse directly with ordinary tap water

Lower Chemical Costs

Eliminates expensive cleaning solvents and reduces operational expenses

Odor-Free Environment

No harsh chemical smells,creating a more comfortable workspace

APPLICATIONS



- **Same-day chairside mock-up models**
- **General diagnostic dental models**
- **High-volume orthodontic patterns**

TECHNICAL SPECIFICATIONS

Color	Light beige	**Tensile Strength**	50-60 MPa
Viscosity	259.3 mPa · s	**Flexural Strength**	82.4-90.8 MPa
Density	1.036g/cm³	**Flexural Modulus**	1648-1842 MPa
Hardness	74A		

SPLINT RESIN



KEY FEATURES

High Comfort
Smooth surface for extended wear

Impact Resistance
Excellent shock absorption

Biocompatibility
Safe for oral use

Durability
Long-lasting performance

APPLICATIONS



- **Occlusal splints for TMJ disorders**
- **Bruxism protection devices**
- **Sports mouthguards**

TECHNICAL SPECIFICATIONS

Color	Transparent / Light Blue	**Tear Strength**	8-10 MPa
Viscosity	163 mPa · s	**Flexural Strength**	83-90.5 MPa
Density	1.054g/cm^3	**Flexural Modulus**	2141-2522 MPa
Hardness	85A		

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SOFT SPLINT RESIN



KEY FEATURES

Superior Impact Absorption

Effectively absorbs nocturnal jaw shear stress for comfortable protection

Biocompatible & Stable

Biocompatible & Low Water Absorption

70A Shore Hardness

Golden softness range balancing toughness support & elastic cushioning

APPLICATIONS



- **Anti-grinding soft splints**
- **Sports cushioning mouthguards**
- **Digital fexible nightguards for bruxism**
- **Orthodontic intermittent jaw relationship retainers**

TECHNICAL SPECIFICATIONS

Color	Transparent / Light Blue	**Elongation at Break**	150%
Viscosity	419.4 mPa · s	**Tensile Strength**	15-20 MPa
Density	1.115g/cm^3	**Flexural Modulus**	23-28 MPa
Hardness	70A		

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TRAY RESIN



CE

KEY FEATURES

High Precision
Accurate fit for custom trays

Dimensional Stability
Ultra-low geometric volatility

High Flexural Modulus
Strong and durable structure

Easy Processing
Smooth workflow integration

APPLICATIONS



- **Customized impression trays**
- **Individual dental tray fabrication**
- **Orthodontic appliance bases**

TECHNICAL SPECIFICATIONS

Color	Powder Pink / Sky Blue	**Tensile Strength**	82.6-88.3 MPa
Viscosity	567.9 mPa · s	**Flexural Strength**	2234-2613 MPa
Density	1.112g/cm³	**Flexural Modulus**	1300-1400 MPa
Hardness	86A		

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SURGICAL GUIDE RESIN



CE

KEY FEATURES

Ultra-High Precision

Minimal shrinkage ensures accurate guide sleeve positioning for safe implant surgery

High Strength & Rigidity

Withstands surgical forces without deformation, ensuring guide stability during drilling

APPLICATIONS



Precision drilling templates



Multi-unit implant positioning



Bone reduction quides

TECHNICAL SPECIFICATIONS

Color	Sky Blue	**Flexural Strength**	76-90 MPa
Viscosity	147.4 mPa · s	**Flexural Modulus**	2155-2508 MPa
Density	1.133g/cm^3		
Hardness	86A		

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WAX RESIN



CE

KEY FEATURES

50% Wax Content
Optimal wax ratio for perfect casting

Ash-Free Burnout
Complete burnout without residue

High Precision
Accurate pattern reproduction

Smooth Casting
Excellent flowability for complex designs

APPLICATIONS



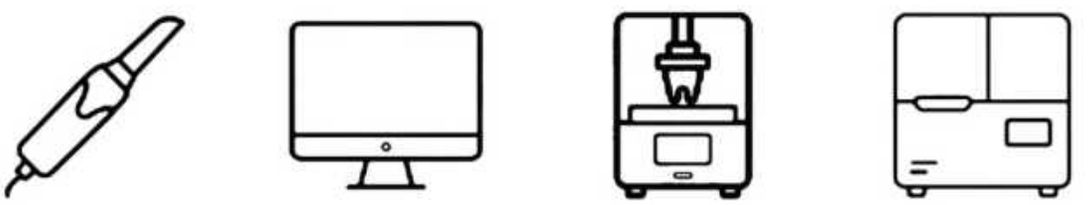
- **Crowns and bridges**
- **Inlays and onlays**
- **Partial denture frameworks**
- **Precision attachments**
- **Custom implant abutments**

TECHNICAL SPECIFICATIONS

Color	Green Wax	**Tensile Strength**	28-31 MPa
Viscosity	100.8 mPa · s	**Flexural Strength**	33-34 MPa
Density	1.064g/cm^3	**Flexural Modulus**	753-780 MPa
Hardness	77-80A		

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COMPLETE DIGITAL WORKFLOW



01 ▶ **02** ▶ **03** ▶ **04**

SCAN
Digital impression capture

DESIGN
CAD modeling & planning

PRINT
Additive manufacturing

POST-PROCESS
Cleaning & curing



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