Our company

VinciSmile Group LLC is a worldwide dental supplier headquartered in Los Angeles, California USA. We offer a wide range of dental lab and clinical solutions, including NOBILDENT Resin Teeth, NOBILCAM CAD/CAM Materials, NOBILTRAY Lab Materials, PERFIT Elastomeric Impression Materials, Clinical Restorative Materials, and Invisible Orthodontic Appliance, etc.

Our company is committed to providing exceptional support services, offering comprehensive counseling and training for employees, agents, and customers. As an FDA-registered facility, we adhere to strict production quality assurance standards and maintain ISO 13485 certification.

Create Maximum Value
For Every User

Intraoral Digital
Impression Instrument

Streamlined design and one-key operation

One tiny button carries great responsibilities. This single button controls the entire digital workflow. This prevents cross contamination caused by touching the screen or using a mouse.

The gyroscope inside the scanner allows the user to view different angles of the scanned images simply by rotating the scanner. This again eliminates the need to touch the screen or mouse.

Button Control

Single Click: Start / Pause Scanning

Double Click: Change the Color / Bite Point

Long Press: Stop Scanning / Next Step / Model Processing / Save Data

First Impression of i-Vinci 3

1 min
Full Arch Scanning

3 tips
with Different Angles

10 μm
More Accurate

228 g
Aviation Aluminum Alloy

Overall Size	216 x 40 x 36 mm
Tips	19.6 x 14.6 mm Autoclavable
Field of View	18 x 16 mm
Depth of Field	20 mm
Patents	40+
Certificates	CFDA/CE/ISO13485/FDA/INMETRO/ANVISA, etc.
Interface	USB 3.0
Data Output	STL PLY PTY * encrypted data available

PRODUCT INFORMATION

Technology	Staring Scanning with Coded Structured Light
Camera Number	x 3
Scan Field	18x16mm
Scan Depth	15mm
Accuracy	≤15μm
Repeatability Precision	≤10μm
Color	Full HD
Anti Fog System	Intelligent Heating
Full Jaw Scanning Time	1 min
True Color	Yes
Handpiece Enclosure	Aviation Aluminum Alloy
Handpiece Dimension	216 x 40 x 36 mm
Handpiece Weight	228g
Tip Types	3 types (N/M/D) High Temperature Disinfection
Number of Tips included	5
Autoclave Cycle for Tips	20 times
Calibrator	Automatic
Scanning Control	Button
Image Transfer Interface	USB3.0
Cable Length (m)	2m
Power Supply Type	AC/DC Medical Power Adapter
Supply Voltage (V)	100-240V/50-60Hz
Supply Current (A)	0.7-1.5A
Storage Temperature (°C)	-10°C- 55°C

AFTERSALES

Standard Warranty	1 year
Extended Warranty	2-3 years available

SOFTWARE

Types of Scanning	Orthodontics, Implant, Restoration
Image Store	Yes
3D Data Preview	Yes
Output Files	STL, PLY, PTY (encrypted for user)
Cloud Service	Yes
Cloud Service Price	5GB/free
Direct Compatibility with Dental CAD	Exocad*
Main Image Processing Tools	Trim/Edit/Recover/Lock, etc.
Margin Line Drawing	Yes
Occlusal Match	Yes
Undercut	Yes
Data Comparison	Yes
AI Technology	Auto Tissue Remove, Overlap Correct, etc.
Software License	Free
Software Upgrade	Free
Data directly to other platforms with API	Available

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PC REQUIREMENTS

CPU	Intel i7-8700(3.2GHz) and above
RAM	DDR2400 16G and above
Hard disk	Solid state drive 120G and above
Graphics card	NVIDIA GTX1060 (6G) and above
Computer operating System	Windows10*64 bit
Display	Resolution 1920×1080 and above

VinciSmile

A Highly Efficient Digital Solution

AI Technology, much smarter, improved scanning experience

3 Different tips, meet more demands of different applications

Much smaller, very easy to operate

HD Clear margin line, full HD color, high accuracy

Fast scanning speed, easy to learn and use

Powder-free and true color scan

Why VinciSmile 3D Dental Solutions?

● **High resolution and true images**

· Reproduce the real state of teeth
· Accurate anatomical features
· 3D high-definition color, visual communication
· Easy and exciting treatment experience

● **Various range of software**

· Clear and easy margin Line drawing
· Pre-op scan available for implant and restoration
· Comparison of two sets of data such as denture and full arch
· Enhanced scanning option for veneer

● **Multiple platforms to access the case**

· 3D preview accessible by smart phone
· Share the cases to patients immediately after scanning
· Fully completed cases sent directly to the dental lab
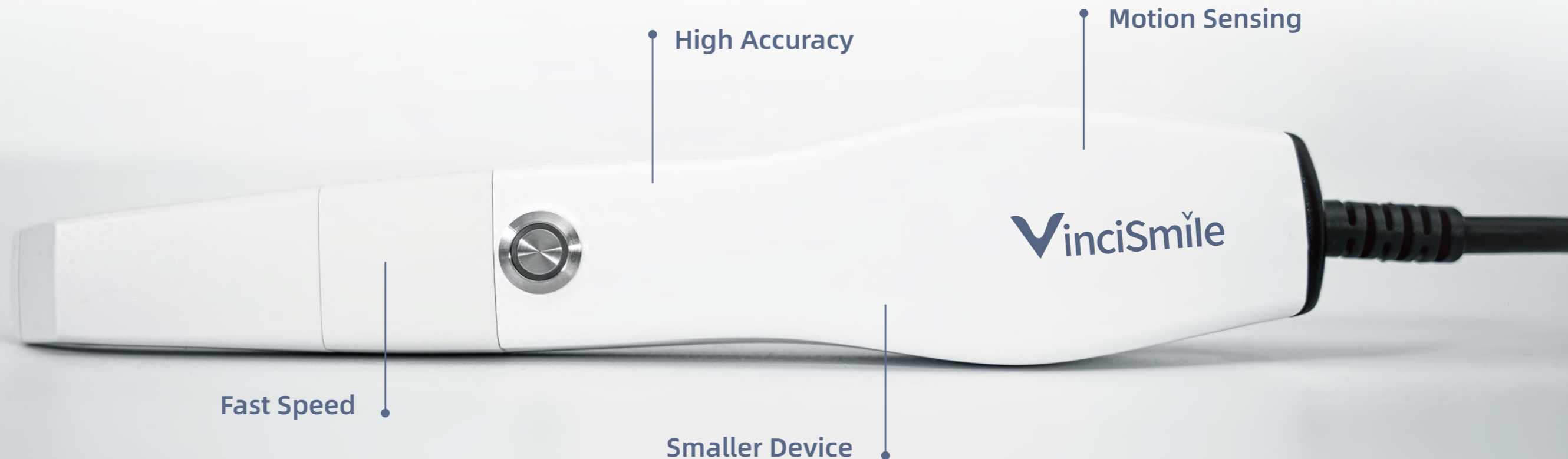· One click link directs to EXOCAD

● **Revolutionary Improvement ***

· Scanning speed improved 70%
· Handpiece weight decreases 10%
· Data accuracy improved 30%
· Height of tips descreased 14%

*Compared to the i-Vinci

● **Case selection and finalized report**

· Automatically prepare the case report to send to dental lab
· Various options to select in reports such as crown or bridge
· Convenient tools for clinics and laboratories

Motion Sensing

High Accuracy

Fast Speed

Smaller Device

VinciSmile

Function Toolkit

Designed to provide accurate and efficient dental scanning

Base Adding

Teeth Measurement

Undercut

Cases Comparison

Direct Export into Exocad*

2D Image Store

Margin Line Drawing

The scanner utilizes advanced technology to capture high-resolution images of the teeth and gums, creating a highly accurate and detailed digital model of the patient's mouth, which can be used for a variety of dental applications.

With our intuitive interface, users can easily navigate the software and capture images in real-time.

It is a powerful tool for dental professionals and patients alike, providing a comprehensive view of the dentition and aiding in the diagnosis and treatment of oral health issues.
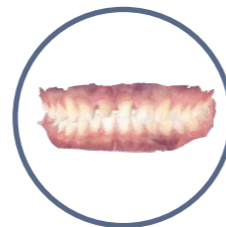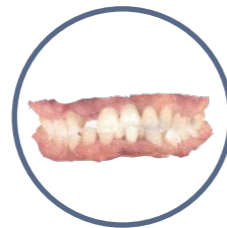
Enjoy i-Vinci 3 Applications

Restoration

Dentists effectively distinguish between gingiva and teeth. One visit, immediate restoration.
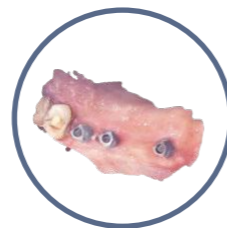
Orthodontics

High accuracy of the full dentition, restoring the state of the full arch. Obtain orthodontic treatments quickly, saving time to allow for more patients.

Implant

Fast scanning with a large field of view, easily capture 3mm data of cuff, and accurately scan of metal path pin. No need to do repeat impressions which improves the patient's treatment experience.
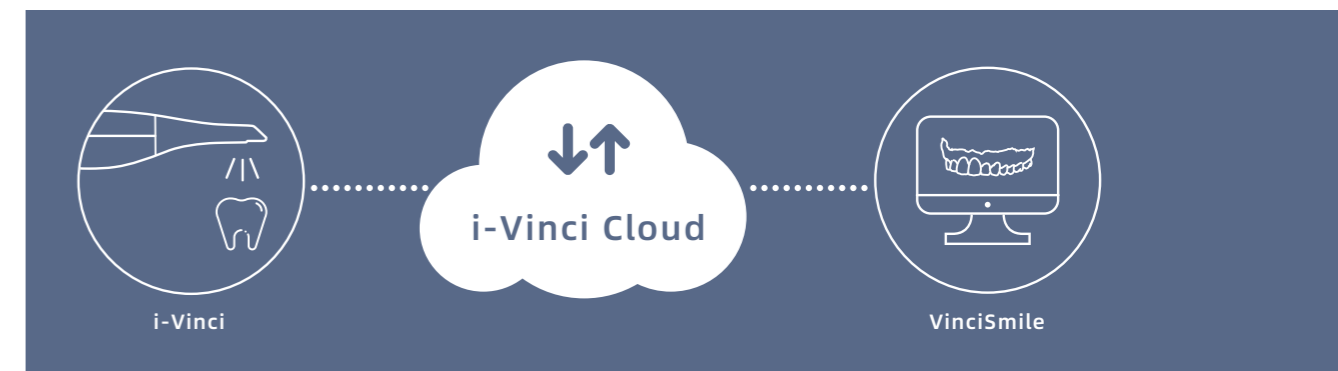
Cloud Scanning Solution

Speed Comes First, Linked to the Cloud.

VinciSmile Cloud scanning solution not only improves the experience and efficiency of patients' oral diagnosis and treatment but also enables the easy submission of patient case data through the cloud scanning platform.
It allows doctors to view the entire process and results of orthodontic treatment plans.

i-Vinci Cloud

i-Vinci

VinciSmile

Stable

Providing complete and stable scanning data to save time on information review.

Full-cycle

When creating a new case or carrying out the refinement, both can be used.

Comprehensive

Integrating with multiple intraoral scanning cloud platforms to drive the digitization of clinic services.

Efficient

Supporting one-click transfer of intraoral scanning data to enhance work efficiency.