PANDA P3

Create Maximum Value
For Every User

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ARGENTINA
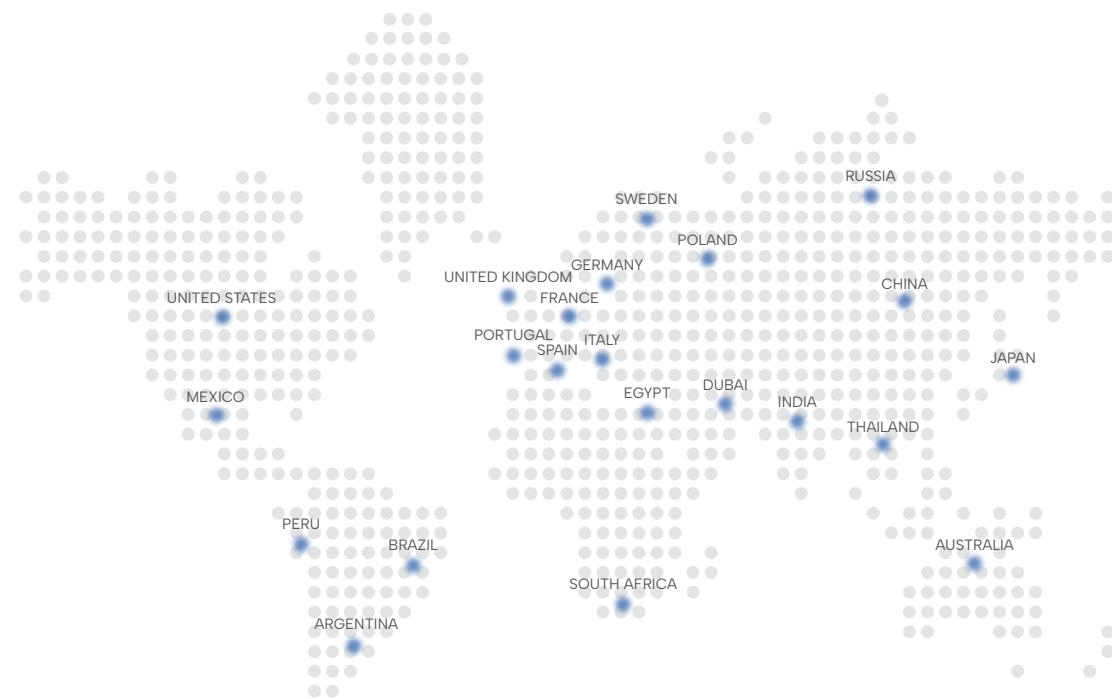
PANDA SCANNER
ALL OVER THE WORLD

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info@panda-scanner.com

Chengdu | Ziyang | Suzhou | Ningbo | Hong Kong | Brazil | USA
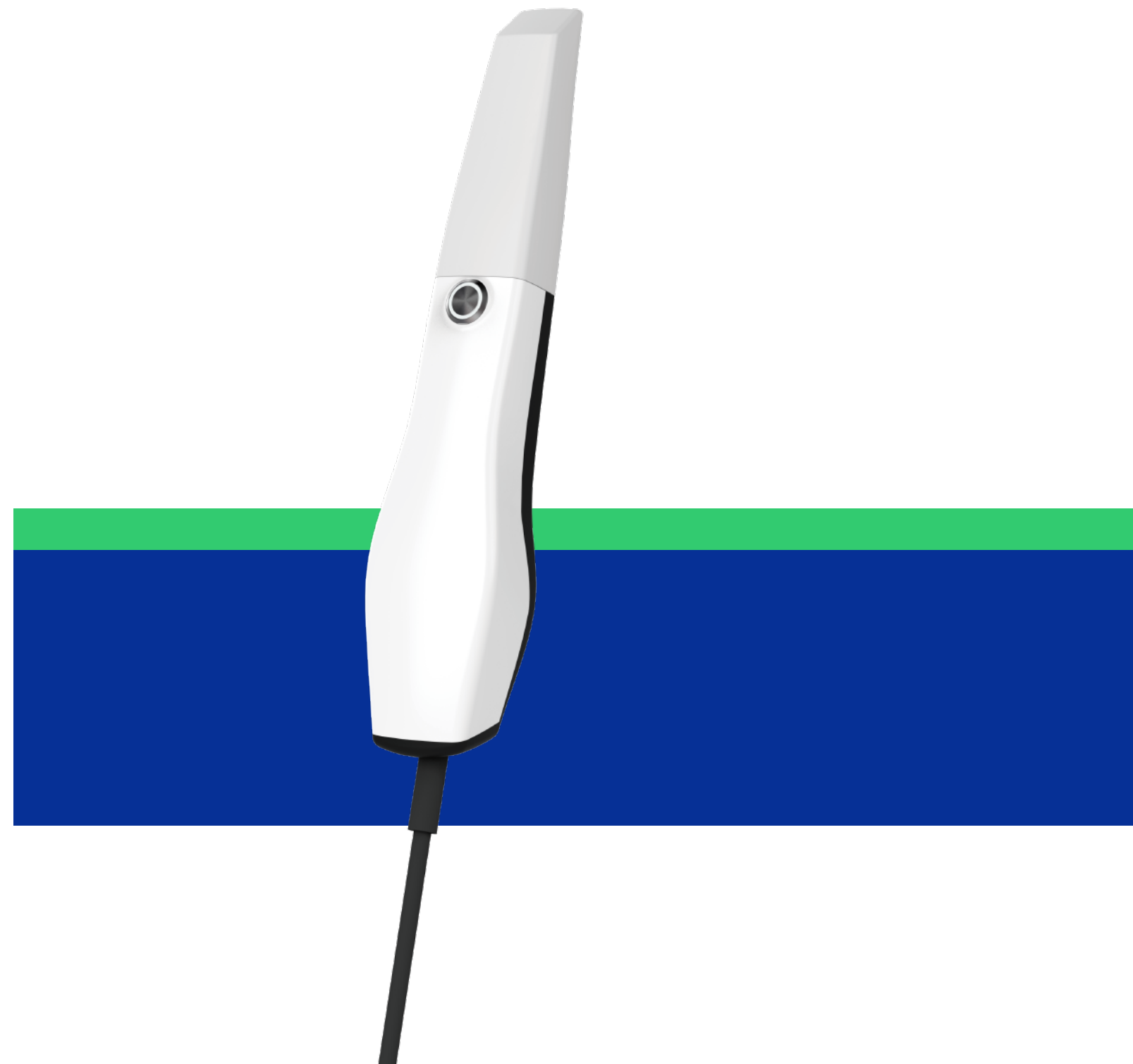
Who are we?

In 2015, a team of top engineers of optics, electronics, computers & algorithm from Chinese Academy of Sciences decided to accelerate the era of digital dentistry and let every dentist have one intraoral scanner. This is how panda started.

In 2016 and 2017, we launched PANDA P1 intraoral scanner. P1 was the first powder-free intraoral scanner and the final resolution was true color.

In 2019, we launched the revolutionary PANDA P2 intraoral scanner and got CFDA approval in the 2nd half of 2020, as well as CE, ISO13485, INMETRO, ANVISA and more certifications.

In 2021, we beat other traditional IOS brands and became the NO.1 top seller in Chinese Market with more than 3000 units installed!

Panda Scanner is the only intraoral scanner with clinical trial report in China!

Freqty is the only domestic manufacturer invited to draft National Standard of Digital Impression!

In 2022, PANDA P3 is officially launched with new features of button control and motion sensing. By middle of 2022, Panda Scanner has already scanned more than 1 million cases!

In 2023, we will not only shake but also shape the Intraoral scanner industry.
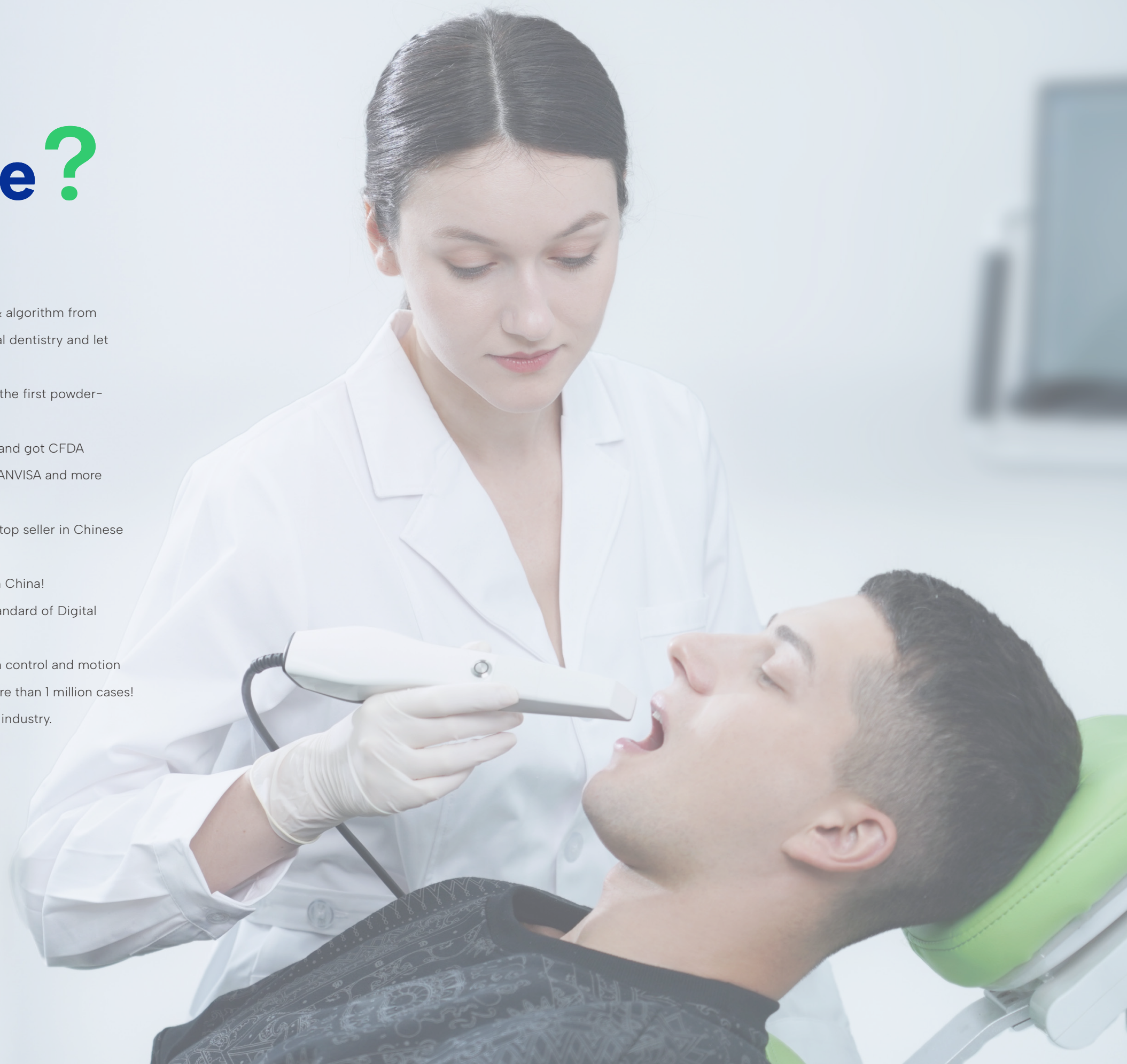
Button Control

The tiny button carries great responsibilities, controlling the entire digital workflow. It prevents cross contamination by not touching the screen or clicking the mouse. Safety is always the top priority.

Motion Sensing

The gyroscope inside the scanner allows to see different angle of scanned images by just simply rotating the scanner. So you do not have to touch the screen to see the image.

NEW DESIGN

Features

Product Features

- AI Technology, much smarter, improve a lot of scanning experience
- 3 Different tips, meet more demands of different applications
- Much smaller, very easy to operate
- Clear margin line, high accuracy
- Fast scanning speed, easy to learn and use
- True color scan and HD display

Application Features

High resolution and true image

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

Case selection and finalized report

Auto Preparing the case report to the labs

Various options to select in reports such as Bridge or Crown

Convenient tools for clinics and laboratories

Multiple platforms to access the case

3D preview allows to be accessed via the phone

Share the cases to patients immediately after scanning

Fully prepared case reports to the labs

One click link directs to EXOCAD

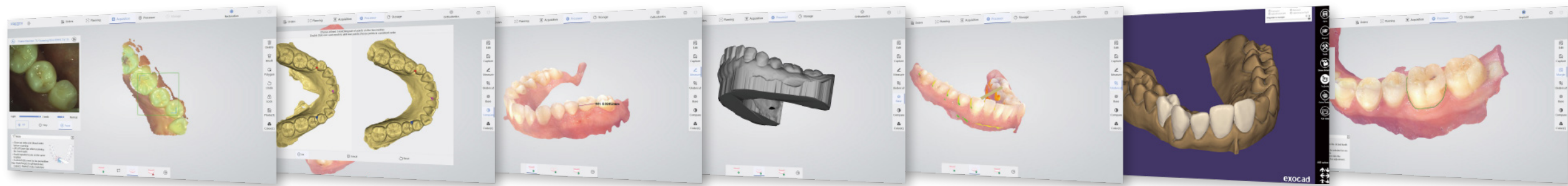## Revolutionary Improvement *

Scanning speed improve 70%

Handpiece weight decreases 10%

Data accuracy improves 30%

Height of tips decreases 14%

*Compared to the P2

Bite Check

2D Image
Store

Case
Comparison

Teeth
Measurement

Base Adding

Undercut

Direct Export
into Exocad*

Margin Line
Drawing

Applications

Restoration

Accurate and clear shoulder margin brings efficient design, and high-definition color images help dentists effectively distinguish between gingiva and teeth.
One visit, immediate restoration.

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 impression and improve patient treatment experience.
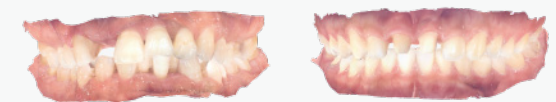
Orthodontics

High accuracy of the full dentition, restore the real state of full arch. Get orthodontic treatment quickly, and save time for more patients.

Parameters

1 min
Full Arch Scanning

5 tips
with 3 Different Angles

10 μm
More Precise

228 g
Aviation Aluminum Alloy

Overall Size	216 x 40 x 36 mm
Tip End	19.6 x 14.6 mm Autoclavable
Field of View	18 x 16 mm
Depth of Field	0~15 mm (Adjustable up to 20mm)
Patents	40+
Certificates	CFDA/CE/ISO13485/FDA/INMETRO/ANVISA, etc.
Interface	USB3.0
Data Output	STL PLY PTY *encrypted data available

PRODUCT INFORMATION

Category	PANDA P3
Technology	Staring Scanning with Coded Structure Light
Camera Number	x 3
Scan Field	18x16mm
Scan Depth	0-15 mm (Adjustable up to 20mm)
Accuracy	≤15μm
Precision	≤10μm
True Color	Full HD
Anti Fog System	Intelligent Heating
Full Arch Scanning Time	1 min
Handpiece Enclosure	Aviation Aluminum Alloy
Handpiece Dimension	216 x 40 x 36 mm
Handpiece Weight	228g
Tip Types	3 types (N/M/D)
Number of Tips included	x 5 (Autoclavable)
Tip Autoclave Cycle	20-50 times
Calibrator	Automatic
Scanning Control	Button
Data 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 (ºC)	-10ºC-55ºC

AFTERSALES

Category	PANDA P3
Standard Warranty	1 year
Extended Warranty	2-3 years available

SOFTWARE

Category	PANDA P3
Types of Scanning	Orthodontics, Implant, Restoration
Image Capture	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
Transfer Data with API	Available

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PC REQUIREMENTS

Category	PANDA P3
CPU	Intel i7-12700H/Intel i7-11800H or above
RAM	16G/32G
Hard disk	SSD 512G or above
GPU	RTX2060/RTX3060 or above
Operating system	Windows10/11 64bit
Display	Resolution 1920×1080 and above

*Check the PC Recommendation Catalog on our website for more detail.