Panda Scanner

PANDA P2

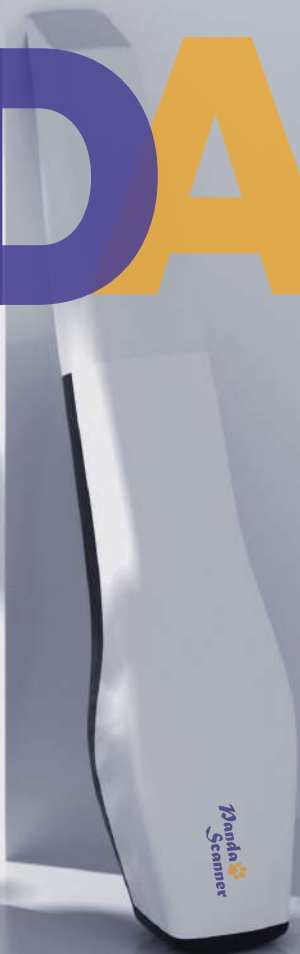## Create Maximum Value For Every User

Brand
Introduction

Panda Scanner

1

Panda Scanner is the registered brand of Freqty Technologies, a high-tech enterprise in the field of digital dental equipment. The company is committed to the R&D and manufacturing of 3D digital intraoral scanners and related software. Provide complete digital dental solutions for dental hospitals, clinics and dental laboratories.

In cooperation with Chinese Academy of Sciences, West China Hospital of Stomatology (Sichuan University), University of Electronic Science and Technology of China, Zunyi Medical College, Harbin Institute of Technology. Since the company was founded, we have aspired to be the world's best manufacturer of 3D intraoral scanner and a professional provider of digital dental workflow solutions. Precise your digital impression and grow your business!
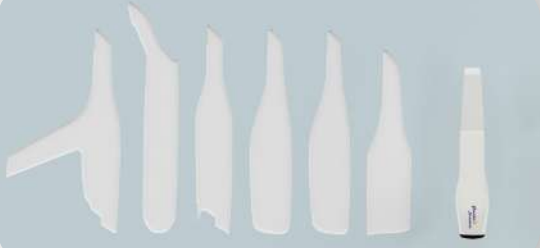
FREQTY
频 泰 科 技

Panda
Scanner

Product Parameters

2

Smaller, Faster and More Affordable!

1-2 **min**
Full Arch Scanning

3 types
Different Angle Tips

10 μm
More Accurate

246 g
Aviation Aluminum

Overall Size
216 x 40 x 36 mm

Tips End
19.6 x 14.6 mm
Autoclavable

Field of View
18 x 16 mm

Depth of Field
20 mm

Patents
40+

Certificates
CE ISO FDA

Interface
USB3.0

Data Output
STL PLY PTY
*encrypted data available

PRODUCT INFORMATION

Acquisition Technology	Staring Scan
Camera Number	x 3
Scan Field	18x16mm
Scan Depth	20mm
Precision	5μm
Accuracy	10μm
Color	Full HD
Anti Fog System	Intelligent Heating
Full Jaw Scanning Time	1–2 min
True Color	Yes
Handpiece Enclosure	Aviation Aluminum Alloy
Handpiece Dimension	216 x 40 x 36 mm
Handpiece Weight	226g (246g with tip)
Tip Types	3types (N/M/D)
Number of Tips included	5
Autoclave Cycle for Tips	30–50 times
Calibrator	Automatic
Scanning Control	Foot Pedal
Image Transfer Interface	USB3.0
Cable Lenght (m)	2m
Cart Touchscreen	Optional
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°– 55°C
Operating Temperature (°C)	15°–30°C

AFTERSALES

Standard Warranty	1 year
Extend Warranty	2–3 years available

REGULATORY
(Documentation & Certification)

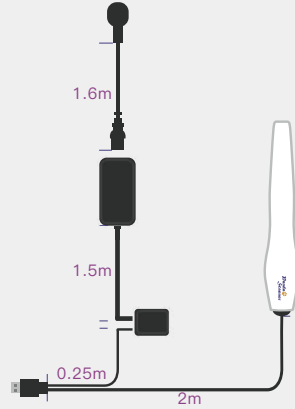|	
Certification	CFDA/CE/ISO13485/FDA/ INMETRO/ANVISA, etc

SOFTWARE

Treatment for	Orthodontics, Implant,Restoration, etc
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 Matching	Yes
UnderCut	Yes
Data Comparing	Yes
AI Technology	Auto Tissue Remove, Overlaping Correct, etc.
Software Licence	Free
Software Upgrade	Free
API	Available
Scanning Feedback	Music

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PC/Laptop IT Requirements

OS	Windows10*64 bit
CPU	Intel Core i7–10870H/ Intel Core i7–10875H/ Intel Core i7–11800H
GPU	GTX1660TI/RTX2060/RTX3060
RAM	16G or 32G
ROM	recommend 512G SSD or above
Interface	USB 3.0

Cables Diagram

1.6m

1.5m

0.25m

2m

Box Diagram

● NW: 4.5kg

153mm

426mm

325mm

● GW: 5.5kg

190mm

490mm

420mm

Features

3

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
- **HD** Clear margin line, full HD color, high accuracy
- Fast scanning speed, easy to learn and use
- Powder-free and true color scan

Application Features

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

● Accurate Shoulder Margin
Clear and easy to identify margin lines
Compatible with CAD software
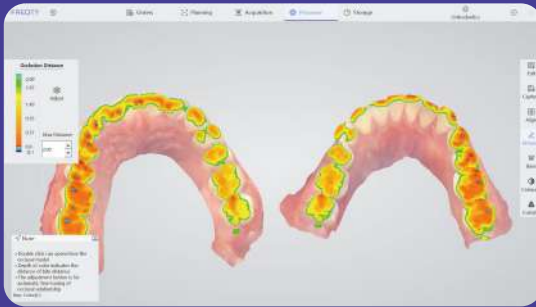Real-time accurate display
Improve the success rate of visits

● Convenient Preparation Check
Shadow detection for better preparation
Clear occlusion registration check
Convenient tools for clinics and laboratories
Adjust and correct production in time

● Revolutionary Improvement *
Scanning speed improve 50%
Handpiece weight decrease 50%
Data accuracy improve 30%
Height of tips decrease 14%
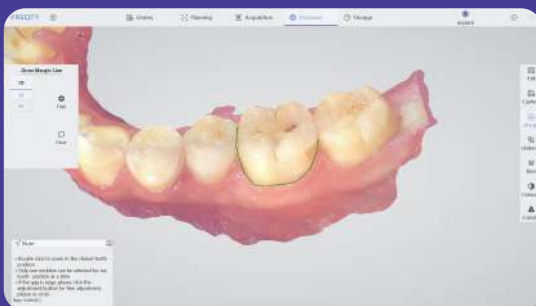*Comparing to the P1 prototype
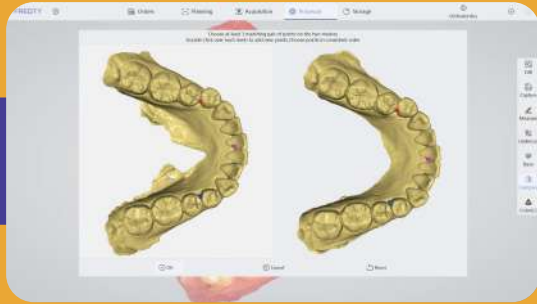
Bite Check

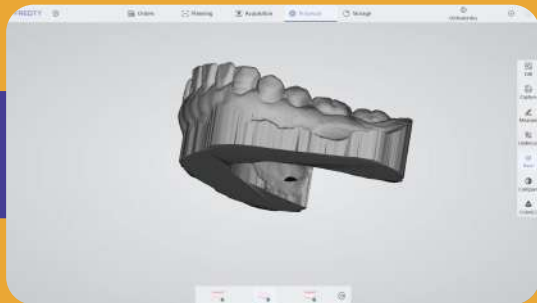**Teeth Measurement**

2D Images Store

Margin Line Drawing

Cases Comparison

Undercut

Base Adding

Direct Export into Exocad*

User-Friendly Function

Practice Mode

Music Feedback

Enhanced Scanning Mode

Black Teeth/Yellow Teeth Mode

Images Capture
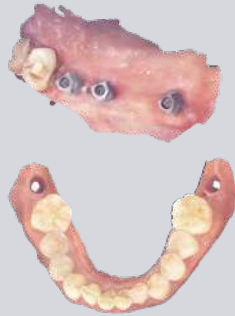
Case Import

Applications

4

● 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's 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.

Customer Assistance

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Panda Scanner

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INDIA
THAILAND
PERU
BRAZIL
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PANDA SCANNER

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New Global Website
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