



# *Gyroscope Technology!*

MOVE FREELY WITH A DOUBLE TAP!...



*A modern  
touch to  
digital  
dentistry!*



## HIGH SCANNING ACCURACY HIGH SPEED!...

### No need to spray powder

Reduce the complexity of clinical operation.  
Simplify scanning process and save acquisition time.  
Improve patient comfort.

### Color scanning

Real response to the actual situation of the patient's mouth.  
Easy to distinguish hard and soft tissue

### Endoscope function

During the scanning process, the patient's oral condition can be observed and photographed. Convenient communication between doctors and patients.



### Wide clinical applications;

It can be used in dental restoration, implant and orthodontics.

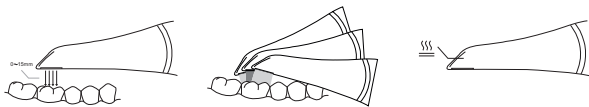
### CLOUD STORAGE

It can store data in the cloud for doctors to communicate and develop solutions in the cloud.

**Whole mouth scanning time is less than 5 minutes, saving more time than traditional impressions.**

### GREAT DEPTH OF FIELD

Provides 15mm depth of field to ensure data integrity.



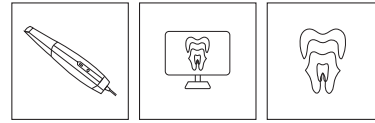
### BUILT-IN ANTI-FOG FUNCTION

The scanning head has built-in automatic heating and anti-fogging function. It provides a guarantee of the integrity of the data collected at once.

## IT INCREASES EFFICIENCY BY PROVIDING CONVENIENCE AND COMFORT IN YOUR APPLICATIONS!...

### INSTANT DIGITAL SOLUTION FOR RESTORATION PATIENT

Provides accuracy and efficiency to dentists in all prosthetic scenarios such as crown & bridge, orthodontics, etc.

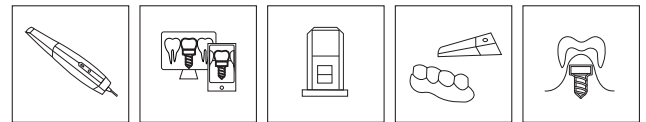


1. Intraoral data collection

2. Design

3. Manufacture

### INSTANT DIGITAL SOLUTION FOR DENTAL IMPLANT



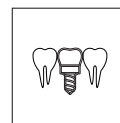
1. Intraoral data collection

2. Planing

3. Implant scheme and surgical guide design

4. Acquisition (Scanbody)

5. Design

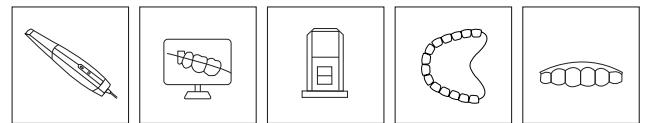


6. Manufacture

Plays a leading role in offering the most accurate data for surgical and restorative applications, enabling better diagnosis, surgical planning, and ultimately enhancing patient experience.

### INSTANT DIGITAL SOLUTION FOR ORTHODONTICS

Facilitates easy scanning with different dental structures and offers 'smart orthodontic simulation' with a single click to preview the patient's smile after treatment.



1. Intraoral data collection

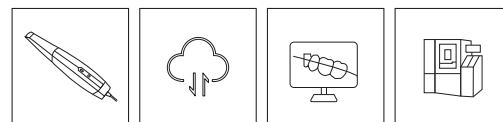
2. Scanning

3. 3D printing model

4. Manufacture

5. Completion

### DIGITAL SOLUTION LINKS CLINIC AND DENTAL LABORATORY!



1. Intraoral data collection

2. Data transfer to the dental laboratory

3. Scanning

4. The dental laboratory prepares the product and sends it to the clinic.

## TECHNICAL SPECIFICATION

**Accuracy Single crown**  
10µm (±1.1µm)

**Anti-fog technology**  
Built in automatic heating anti-fog

**Weight**  
240g

**Scan type**  
Color scanning without powder spraying

**Data color**  
Colorful, real-time visualization

**Output format**  
STL, PLY, OBJ

**Scanning speed**  
1 minute for full arch / at a speed of 20-25 frames per second

**Splicing technology**  
Occur-3D automatic splicing technology

**Length of connecting cable**  
2m

**Scan head size**  
95.3x22.5x16.6mm (standard)  
94x17.9x13.2mm (pediatric)

**Sensor**  
High speed CMOS

**Remote control**  
Yes

**Scanner size**  
240x45x36mm

**Scan depth of field**  
0-15mm

**Data transmission**  
USB 3.0

\*\*\* Output STL, ply format, compatible with most of the CAD design software



Small size and light weight  
Weight: 240g

Suitable for patients with  
different opening degrees

BEYOND  
BOUNDARIES

ENHANCE CLINIC PROCESSES AND BOOST EFFICIENCY  
USING THE "DENTALFLEX" PLATFORM.



**ANALYSIS TOOLS**

Enables the use of heat maps to show occlusal relationship and substrate depth.

**HD CAMERA FEATURE**

HD camera mode allows the practitioner to capture high-resolution photos of cavities and abnormalities and transfer them to the patient record.

**CHROMA COLOR AND TRUE COLOR SCANNING**

Color scanning that can display the in-vivo environment in true colors.

**ARTIFICIAL INTELLIGENCE DATA OPTIMIZATION**

Automatically removes unnecessary data such as gloves, tongue, and mucus.

**Cloud STORAGE,**

Can be used as a backup and communication tool between practitioners and laboratory partners.

**ONLINE DATA TRANSFER,**

- Dental Clinic
- Dental Laboratory
- CAD Design
- Restoration ( product )

**OPEN DATA FORMAT,**

Exportable in .STL, .PLY, .OBJ formats, compatible with all third-party CAD software.

- Facilitates effective communication between Dentist-Patient and Dentist-Technician.
- Enhances patient experience.
- Offers orthodontic simulation feature for visualizing the treatment process.
- Strengthens communication with patients by building trust with guides.

Dental X™



*Revolutionary Tip*

Instant heating technology at 134°C in 4 minutes for disinfection

*Slimmer Design*

Easy access to posterior teeth

*Tip Status Indicator*

Flash: Heating  
On: Heating complete  
Off: No tip

*Remote Control*

Reduce cross-infection risk

**WEIGHT 240 GR**

**LIGHTER  
DESIGN**

**ADDRESSING  
DIFFERENT CLINICAL  
DEMANDS**

**MULTIPLE  
SCANNER TIPS**

**COMFORTABLE MANUAL  
DEXTERITY CONTROL**

**ERGONOMIC  
DESIGN**

**REDUCED NOISE, INCREASED  
HEAT DISTRIBUTION**

**TURBINE  
COOLING**

**FOV INCREASED BY 40%**

**SPEED  
DOUBLED**

REDEFINING DIGITAL DENTISTRY

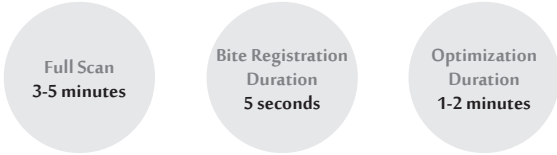
*Gyroscope Technology*

**MOVE FREELY WITH A DOUBLE TAP!**

Move freely with a double tap. With Gyroscope technology, you can control the scanner single-handedly without letting go. This feature provides users with more freedom of movement and ease of use.

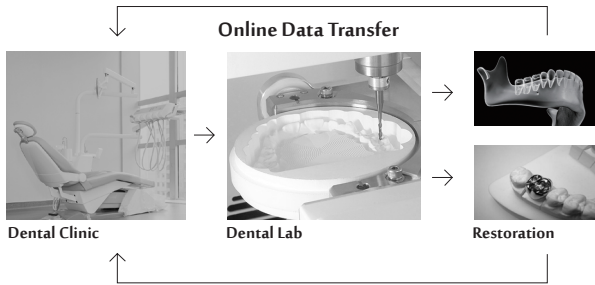
SCANNING HAS NEVER BEEN THIS EASY!

## Our Seamless Scanning Workflow



### ENHANCING EFFICIENCY OF CLINICAL PROCEDURES

OPEN FILE EXPORT Export in .STL, .PLY, .OBJ formats, compatible with all Dental CAD Software (Exocad / 3Shape / Dental Wings)



ADVANCED DIGITAL TOOLS

#### Measurement Tools

Conduct reliable measurements in your digital files.

#### Workspace Selection

Increases network density after the optimization process is completed.

#### Locking Tool

Used to preserve the data of the area when it is rescanned.

#### Reliability Map

Highlights unreliable data areas in orange.

#### Substrate Analysis

Provides the best fit for your restoration.

#### Closure Analysis

Allows observation and measurement of contact points in millimeters.

#### Artificial Intelligence

Automatically removes unnecessary data such as hands, tongue, lips, and oral mucosa.

#### Orthodontic Simulator

Visualizes the patient's orthodontic treatment process and enhances communication.



### Digital image acquisition chain

Complete digital image acquisition chain, combined with data integration platform, bring you high value clinical services.

### TRADITIONAL IMPRESSION METHODS

The preparation time is long,  
The use of foreign body generally disturbs the patient,  
Not comfortable,  
Taking a long time to prepare the prosthesis,  
Single, fixed pattern data; inconvenient for communication between doctor, technician and patient.

### USING INTRAORAL SCANNER

Preparation time is shorter and more comfortable,  
The discomfort of the use of foreign body is minimized,  
Prosthesis waiting time is much shorter,  
The color data in the mouth can be displayed immediately, suitable for communication between doctors, technicians and patients.



WHY  
NTA  
SPRO

WWW.NTASPROSCANNER.COM

You can access all information by scanning QR code below with your Smartphone/ Tablet





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NTA<sup>®</sup> IMPLANT

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