

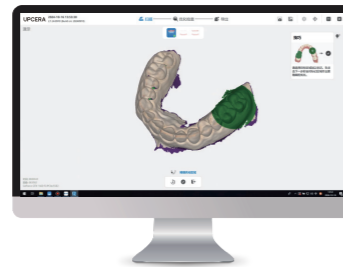
**05 Oral Health Report**

In health report mode, lesions such as dental caries, dental calculus and dental plaque can be easily identified after intraoral scanning, after which a health report is generated with one click.



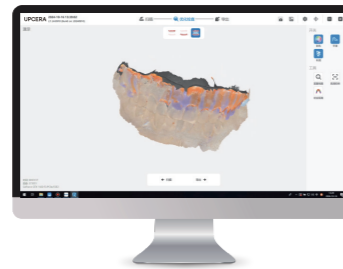
**06 High-Resolution Refinement Area**

Use High-Resolution Refinement Area to improve the interstitial adhesion problem between gums and teeth, providing authentic intraoral data.



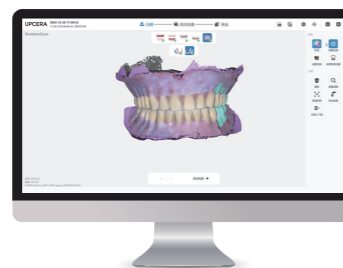
**07 Impression Scanning**

Use impression scanning model when scanning intraoral areas that cannot be scanned or are hard to scan. Use a hybrid approach that combines intraoral scanning and silicone impression scanning to acquire more complete scanning data for highly challenging cases.

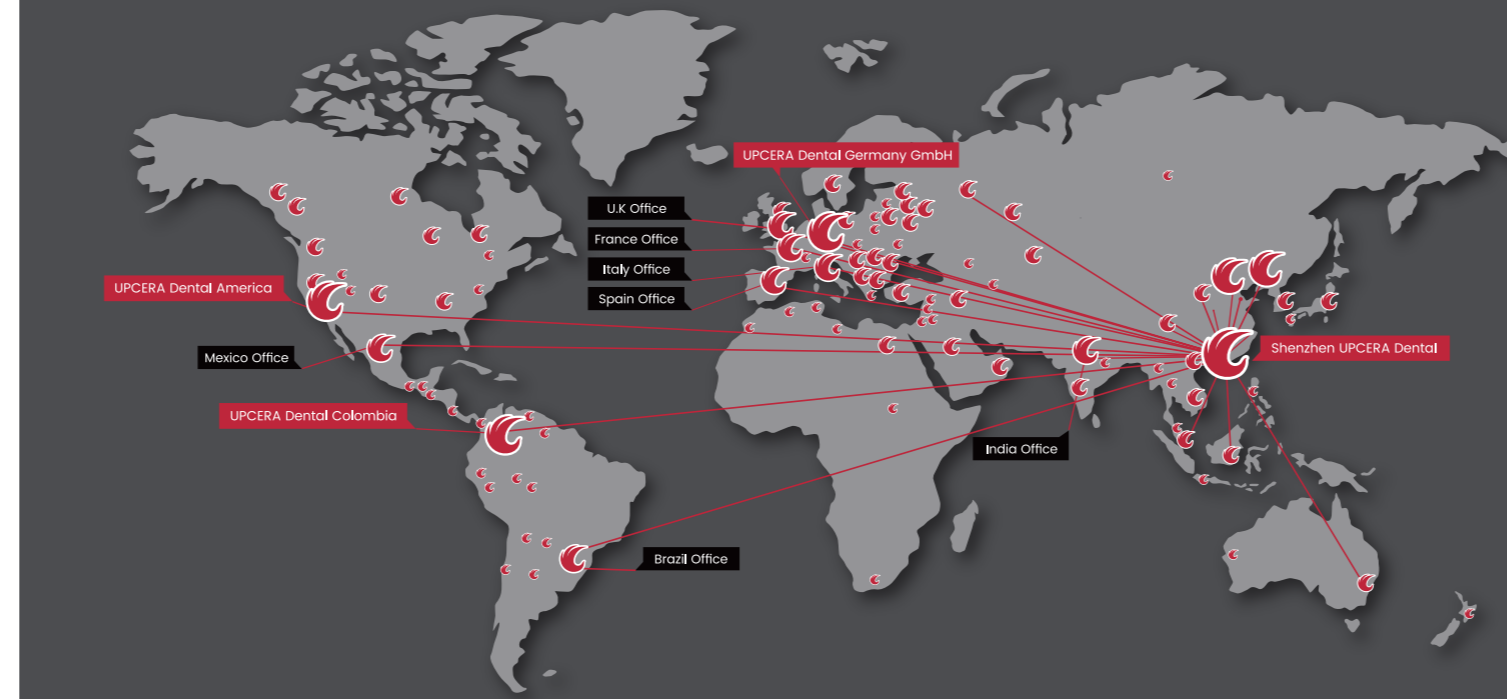


**08 Edentulous Arch Scanning**

A Specially designed edentulous arch and removable dentures module can help retain more soft tissue data, providing more accurate references can help retain more soft tissue data, providing more accurate references for edentulous arch treatment, enabling the outpatient clinic to develop highly efficient and accurate treatment plans.



Going out to the world,  
and becoming a leading force  
in the development of global dentistry.



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Smaller  
Lighter  
Faster



**FLNTScan R2**

The New Generation Intraoral Scanner

Empowering Digital Dentistry in Clinics

# FLNTScan R2

The New Generation Intraoral Scanner

### Expansive Vision, Impressive Depth

16x14mm ultra-large field of view, reaching a maximum depth of field of 25mm, comprehensively improving scanning efficiency, providing comprehensive and precise support for clinical applications.



### Higher Scanning Accuracy

Higher scanning accuracy, with 10µm for single crown, 20µm for full arch, meeting requirements of multiple clinical applications.



### Higher Scanning Speed

Equipped with AI intelligent algorithms, enabling a full scan within 60s.



### Lighter Weight

Ergonomically designed lightweight body, weighing just 165g, ensures effortless scanning. Remain comfortable even with extensive use.



### Motion Gesture Sensor

Viewing Model with simple hands turning.



165g

Handpiece Weight

25mm

Depth of View

16 x 14mm

Scanning Scope

### Specification

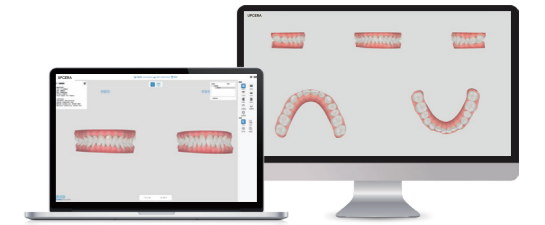
Model	FLNTScan R2
Handpiece Size	243 x 40 x 32mm
Connection	Wired USB 3.0
Handpiece Weight	165g (without cable)
Depth of View	0-25mm
Scanning Accuracy	Single Crowns≤10µm, Full Arch≤20µm
Scanner Tip	3 Standard tips, 1 Mini tip, 1 Protective cover
Scanner Tip Size	Standard 115 x 20.5 x 18mm, Mini 115 x 17 x 13.5mm
Scanning Scope	16 x 14mm
Imaging Method	Optical Continuous Video Capture
Image Mode Synchronization	3D Video
Quick Reset	Yes
Model Optimization	Yes
Output Format	STL, PLY (True Color), OBJ
Working Lifespan	>30000 hours
Anti-fog Method	Fan-cooling
Calibration Tip	1 Set (Optional)
Product Lifespan	12 years



### Product Advantages

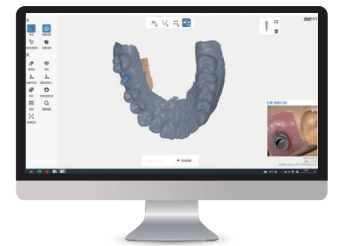
#### 01 Orthodontic Simulation Feature

Automatic tooth alignment, easy access to treatment simulation result, enable better doctor-patient communication.



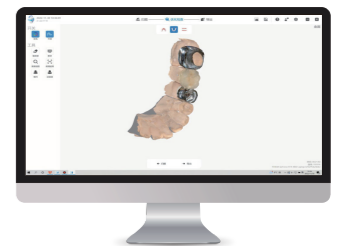
#### 02 Scan Body Smart Matching

Specialized Implant Scanning Workflow. Easy scan body external registration and 1-second intraoral matching. It can position the scan body more quickly and accurately, improving the accuracy and completeness of intraoral implant data, and reducing the difficulty of intraoral implant scanning for doctors.



#### 03 Metal Scanning

Metal scanning has problems such as strong reflection, many noise points, small effective reconstruction area and difficult splicing. We have carried out key optimizations for the above problems.



#### 04 Case Cloud Sharing

No need to send data, simply scan the QR code with a mobile phone to enable cross-platform sharing between computer and mobile. It can be easily shared or discussed with family or friends regarding treatment plans. Both patients and doctors can quickly and intuitively view 3D models of the teeth and detailed data. Data storage is convenient, and it can be upgraded to an oral health report, enabling visualized doctor-patient communication, reducing communication costs, and efficiently supporting digital diagnosis.

Establish digital patient records, transforming traditional diagnostic and treatment methods. From dental exams to remote diagnosis and dental treatments, fully implement digitization to create a dental exams to remote diagnosis and dental treatments, fully implement digitization to create a digital healthcare experience. This provides a better treatment experience, improves patient acceptance of treatment plans, and is an essential tool for attracting and acquiring new patients.

