Intraoral Scanner Technical Specifications

Forermed intraoral scanner has fast and easy image capturing technology, which can provide reliable, accurate & complete data for digital dental impression.

Providing patients with a comfortable and efficient treatment experience, our scanners make it easier for dentists to diagnose and communicate with patients.

Forermed scanner is an open system scanner, which provides the access to the latest technology equipment available in the market. It has a range of applications which includes digital restoration, digital orthodontics, navigation template of digital implant, etc.



1. Fast Impression Taken

Fast scanning, linear scanning speed up to 80mm/s; Full arch scanning speed up to 90s.

2. Humanized Scanner Tip Design

New smaller scanner tip, with internal heating system to keep constant temperature inside the patient mouth during scanning. The mirror angle of the scanning tip is close to 45 degrees, which can take into account the mesial and distal areas at the same time.

3. Screw Type Cable Connection

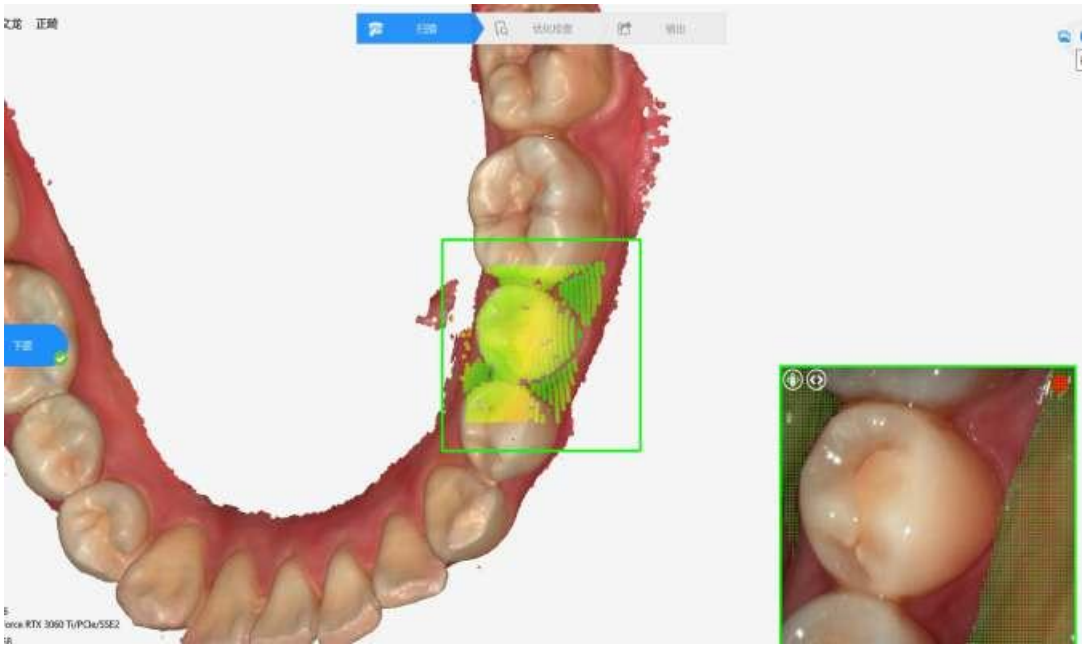
New screw type cable connection ensures a better connection between the cable and the handpiece.

4. Fashion and Light Handpiece Design

The overall appearance of the handpiece is with streamline design, the net weight of the handpiece is 210g, and the hand-held design makes the operation much more convenient and simpler.

5. New Al Scanning Function

New Al function will remove extra softer tissues in real time, ensuring the smoother scanning operation and cleaner scanned results. It can be applied to edentulous jaw optimization, caries detection and automatic labeling, etc.



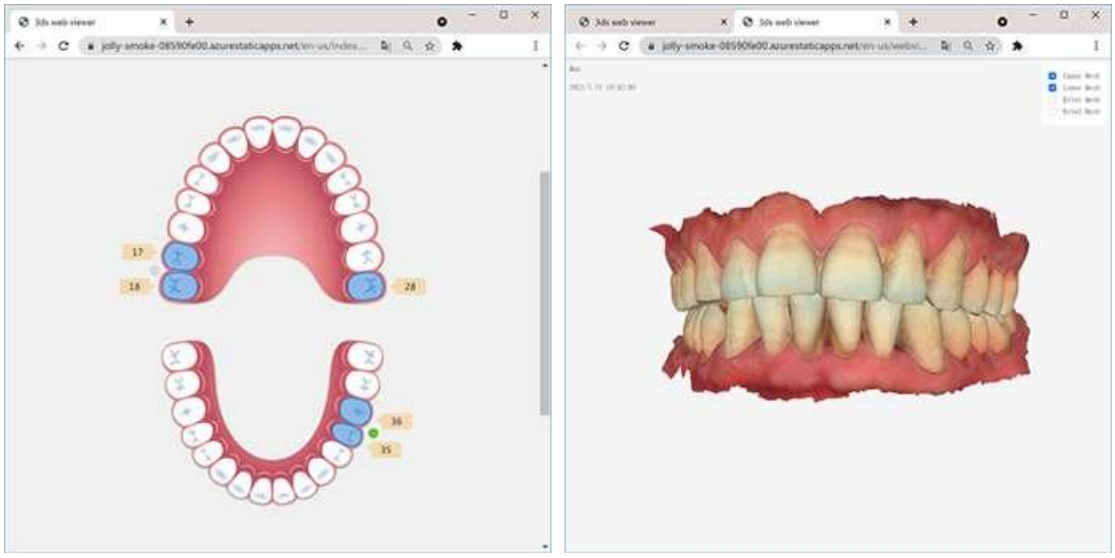
6. 3D Real Color

The surface texture and contrast of the scanned model are stronger; the color distinction between teeth and soft tissues in the data is more obvious; the edges are clearer, which is helpful for doctors and technicians to do further processing.



7. Cloud Share

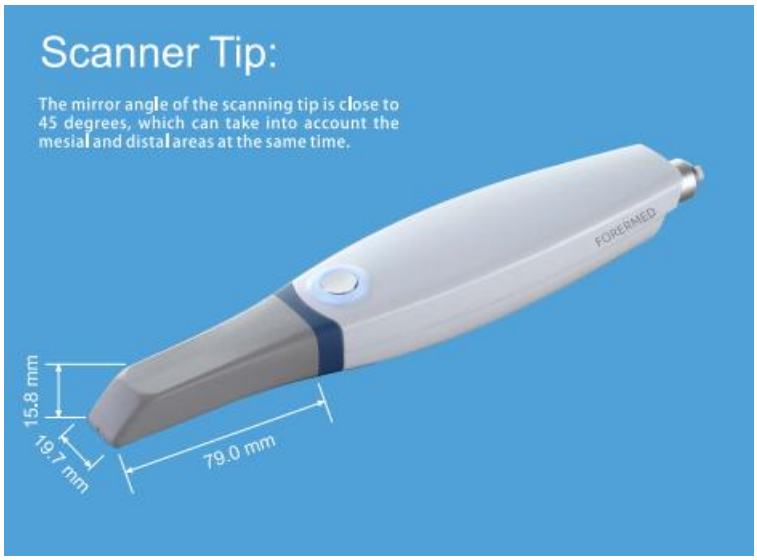
The scanned data can be shared with a QR code or link directly, realizing doctor-patient compatibility, communication costs reduction, and high-efficiency digital diagnosis and treatment.





QR code for example

The mirrorangle of the scanning tip is dose to 45 degrees, which can take into account the mesial and distal areas at the same time.



Handpiece Size	240x49.5x30.5mm
Imaging Technology	Optical Continuous Video Capture
Scanning Distance	0-17mm
Accuracy	20um
Imaging Sync	3D
Quick Reset	Yes
Data Refine	Yes
Export Format	STL,PLYOBJ
Handpiece Weight	210g
Service Life	>30000h

Basic Computer Configuration Required(Recommended):

•Microsoft Windows 10 64bit Pro edition or above
•Processor: Intel Core i7-9700H, 16GB or above;
•Graphics Card: NVIDIA GeForce 1660,6GB or above; Note: AMD Graphics may not support all software functions, which is not suggested.
•SSD: 256GB or 128GB + 1TB mechanical disk or above;
Port: USB 2.0/3.0 • Display Resolution: 1920x108





Device Operation Environment:

a)Temperature: 10°C-40°C
b)Relative Temperature: W85%
c)Atmospheric Pressure: 86KPa-106KPa

Device Storage Environment:

a)Te m pe ra t u re:-20°C -55°C
b)Relative Temperature:10%-93%
c)Atmospheric Pressure: 86KPa-106KPa

Power Supply:

a)Voltage: 100-240V, 50/60HZ
b)Power: 25 VA

Digital Implant / Orthodontics / Restoration

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