



MaxOral V2

Intraoral Scanner



160g Lightweight Design

Compared to the previous generation's 225g weight, the new model weighs only 160g, providing greater comfort and easier handling during operation.



Faster Scanning

Equipped with the latest algorithms and AI-powered scanning, it can complete a full-mouth scan in as little as 60 seconds.



Orthodontic Simulation Feature

Automatic tooth alignment, easy preview of treatment results, and simplified communication between doctors and patients

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Advantages



Oral Health Report

The health report now includes a plaque detection feature. The scanning interface has been optimized to display a comparison of “blue plaque” and percentage data upon completion of the examination.



New Motion-sensing Button

New motion-sensing button allow for one-touch switching between the upper and lower jaws, making remote control by the dentist more convenient.



Secondary Control Button

Delivers comfortable, ergonomic operation, particularly during maxillary scanning.



Extended Scanning Head

The scanning head is extended by 35 mm, allowing for scanning of a wider area inside the mouth. Since the handle does not come into contact with the inside of the mouth during scanning, both patients and clinicians can feel more at ease.



Depth of Field Increased to 25 mm

The depth of field has been increased from 17 mm to 25 mm, with a maximum field of view of 16 x 14 mm, resulting in more realistic scans and faster scanning speeds.



Built-in UVC Sterilization

Built-in UV LED sterilization helps prevent cross-infection between patients and healthcare providers.



New Motion-sensing Button



Secondary Control Button



Extended Scanning Head

Specifications - Complete Machine

Depth of View:	0-25mm
Handpiece Weight:	160g (without cable)
Handpiece Size:	243 x 40 x 32mm

Scanning Technology

Image Method:	Optical Continuous Video Capture
Imaging Mode Synchronization:	3D Video
FPS:	≥20
Scanner Light Source:	LED

Scanner Tip

Standard Scanner Tip Size:	115 x 21x16mm
Mini Scanner Tip Size:	115 x 17x13mm
Scan Area (Standard):	16 x 14mm
Scan Area (Mini):	12 x 10mm
Autoclavable:	Up to 100 times Autoclavable 121°C 16 mins Autoclavable 134°C 4 mins

Scanning Accuracy

Single Crown ≤10μm, Full Arch ≤20μm

Other

Base:	3 Standard Tips/1 Mini Tip/1 Protective Cover
Output Format:	STL, PLY (True Color), OBJ
Operating Time:	> 30000hrs
Quick Reset:	Yes
Model Optimization:	Yes
Connection:	Wired USB 3.0
Calibration Tip:	1 Set (Optional)
Product Lifespan:	8 Years
Anti-fog Method:	Fan-cooling
Multilingual System:	✓

Shanghai Maxflex Medical Technology Co.,Ltd

Tel: +86-21-5956 0800 | Add: 1169 Yuanqu RD, Anting Town, Jiading District, Shanghai, China

Email: service@maxflexbrace.com | Web: en.maxflexbrace.com

