

NEW

Helios 680

DIGITAL INTRAORAL SCANNER
MORE THAN A SCANNER





FLAGSHIP-LEVEL UPGRADE



Performant:

- ▲ 16 μ m intraoral full-arch precision, 8 μ m single tooth precision, 30fps frame rate.
- ▲ Enjoy the smooth precision of scanning



Renewed:

- ▲ Graceful curves with refined matte finish



Lighter:

- ▲ 161.5g total weight, lighter than ever and easy to hold



Cloud-upgraded:

- ▲ Powered by AWS cloud with worldwide coverage, lower latency & greater reliability.
- ▲ Enhanced performance for efficient cloud management



Real:

- ▲ 24bit color bits, feel the real color of teeth.
- ▲ Better patient understanding, easier lab color matching

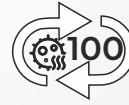


Intelligent Automation:

- ▲ Automatic and adaptive color and accuracy calibration.
- ▲ No manual calibration required



Convenient:
removable & 180° reversible tip



Durable:
withstand 100 sterilization cycles



Oral-friendly:
improve patient comfort with a smooth, rounded tip design



User-friendly tip:

Powder-free
No heating required
LED structured-light imaging

Duct optimization:

Enhanced anti-fogging for improved precision

New body design

Firm body design with durability
Fresh look with ergonomic design for easier using

Plug & scan

with only 1 power cable



AI Report:

Smarter Diagnosis, Better Communication. Helios AI Health Report visually presents oral health conditions and treatment plans, streamlining doctor-patient communication.



Orthodontic Simulation:

AI-powered automatic tooth alignment provides clear orthodontic before-and-after comparisons, helping doctors build patient confidence in treatment plans. This feature is only supported by NVIDIA graphics cards.



Model Builder:

Add bases to 3D models directly within the software, boosting efficiency for orthodontists and making it easier to save and share models.



Cloud Storage:

Enjoy 100GB of cloud storage for free, enabling easy order sharing through Cloud.



Air Mouse:

Your scanner can also be a mouse to easily manage the software and rotate the 3D models.



Auto/Manual Bite



Enhanced
Implant Workflow



Shining Mode



Occlusion Analysis



Undercut
Detection



Texture Mapping



Tooth
Measurement



Margin Line
Drawing



Intraoral Camera



Software Update



Auto AI



Swap Upper
and Lower Jaw



Automatic
Cuff Detection



3D Viewer



APPList



Bite Refinement Preview

Technical Specifications:

Accuracy	Full-arch	16μm
	DOF	20mm
	Scan area	16 × 14mm (L) * 3
		12 × 12mm (S) * 1
Speed	FPS	30fps
Connectivity	Length	1.8m
	Type	USB3.0
Calibration	Accuracy calibration	Calibration-free
	Color calibration	Calibration-free
Advanced Mode	Remote control	ü
Data	Output format	STL / PLY / OBJ

Recommended System Requirements

Processor	Intel® Core™ 13th Gen i7-13700 (or equivalent)
Memory	32GB DDR4, frequency 2666 MHz (or better)
Hard Drive	1TB (or more) SSD
Graphics Card	NVIDIA® GeForce RTX™ 3060 (6GB VRAM)
Display	15.6" FHD (1920×1080) (or more)
USB Interface	USB 3.0 or higher, Voltage 4.9V–5.1V, Current >1A
Operating System	Windows 10/11

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WHERE TRUST COMES FIRST



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Warranty Ke Baad Bhi**

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*Accessories shown may not be a part of standard equipment. Specifications are subject to change without notice.

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