

HELIOS 700

Wireless Unleashed, Boundless Possibilities



Wireless Intraoral Scanner





Break Free from Cables, Unlock Infinite Possibilities

Say goodbye to cumbersome wired connections, fulfill your scanning needs from all angles, and experience greater ease of use.

High-speed WiFi Connection, Stable Data Transmission

Flagship-level WIFI technology, providing a stable connection with no dropouts. Zero-latency lossless transmission, faithfully reproducing data.



100_{min}

a single battery can power continuous scanning for
(approximately 60+ typical cases)

3100_{mAh}

high-capacity independent
dual-battery



Powerful Battery, Endless Endurance

Superior energy management system, enter sleep mode when docked, instantly awoken when picked up. Wireless handle charging, "Charge and Go".

Command the Wireless

Unleash the Freedom

*From Internal Study

High-Precision Reproduction, Seamless Scanning

- High-performance image sensor combined with Helios exclusive algorithms deliver precision far exceeding clinical requirements.
(16µm full-arch accuracy, 8-micron single-tooth accuracy)
- Upgraded projection chip, 20fps high frame rate for fluid scanning.
- 24bit digital color innovation, reproducing true intraoral colors.
- 20mm large depth of field, enhancing imaging capabilities for challenging clinical areas.
- Automatic adaptive color and precision calibration, eliminating the need for cumbersome calibration tools and processes.

Streamlined Design, Effortless Grip

- Integrated, streamlined design, perfectly fitting your hand.
- 225g lightweight body for an excellent sense of portability.



Exceptional Experience

Light and Extraordinary

Eighteenth Digital Cloud Center

One Cloud, Infinite Insights

Unified Device Ecosystem

Sync data from Helios series, FinScan, and NanoPix series into one intelligent cloud — command your digital workflow from a single cockpit.

Accelerated Amazon Cloud Global Nodes:

Ensuring fast and stable data transmission, supporting remote collaboration and diagnosis worldwide.



Intelligent cloud storage with global coverage and low latency.



Clinics and labs can transmit data and communicate via the cloud, achieving efficient cloud-based management workflows.

Cloud-Local Dual-Mode Orthodontic Simulation:

Multi-scenario orthodontic simulation services that combine the advantages of both cloud and local solutions to meet varied clinical needs.



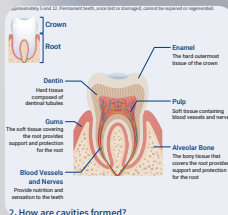
Helios' orthodontic simulation function can generate online treatment plans, providing clear before-and-after comparisons, helping patients build confidence in the treatment plan.



Model display



Diagnosis details



Oral health knowledge

AI personalized oral health reports, helping doctors and patients efficiently communicate diagnoses and treatment plans, bridging the information gap.

The upcoming Eighteenth Digital Cloud Center is coming soon, joining forces with Helios 700 to bring a brand new digital ecosystem experience to dental care.

Diverse Applications, Comprehensively Meeting Clinical Needs



Auto/Manual Bite



Enhanced
Implant Workflow



Shining Mode



Occlusion
Analysis



Intraoral Camera



Undercut
Detection



Texture Mapping



Tooth
Measurement



Margin Line
Drawing



Software Update



Auto AI



Swap Upper
and Lower Jaw



Air Mouse



Model with Base



High-Definition
Images

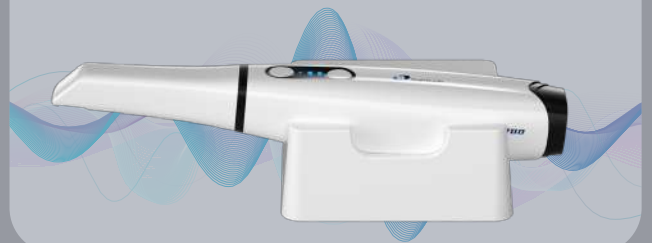
Dual-sided Detachable Scan Tips

- Safe for 100 high-temperature sterilization cycles.
- Smooth, edgeless design for a comfortable scanning experience.
- No need for powdering or heating.



Silent Fan Anti-fogging

- Silent scanning, optimizing the treatment experience.



Motion Control Free Rotation

- Rotate and inspect scanned data via handle for comprehensive data check.



Multifunction Buttons

- Dual independent buttons, enabling one-click operation, carefree control.



*From Internal Study

Recommended System Requirements

Processor	Intel®Core™ i7-13700H Generation, base frequency 2.4 GHz (or better)
Memory	32GB DDR4, frequency 2666 MHz (or better)
Hard Drive	1T (or more) SSD
Graphics Card	NVIDIA® GeForce® Only (RTX 4060 6G or higher)
Display	15.6" FHD (1920x1080) (or more)
Port	3.0 high-speed port
Operation system	Windows 10/11



SPECIFICATIONS

Accuracy	Full Arch: 16μm Single Tooth: 8μm	Number of Batteries	2 pcs
Scan Field	16mm×14mm(L)	Defogging Method	Fan
Speed	20fps	Calibration	Precision Calibration:
Connection Method	Dedicated WiFi		Calibration-free
Connectivity Range	6m		Color Calibration:
Single Battery Capacity	3100mAh	Data Output	Calibration-free
Single Battery Runtime	100 minutes		STL/PLY/OBJ