

NEW **Helios 680**

· DIGITAL INTRAORAL SCANNER ·

HELIOS 680, 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





Auto/Manual Bite



Enhanced
Implant Workflow



Shining Mode



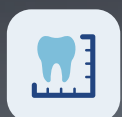
Occlusion Analysis



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

Parameters

| | | |
|---------------|----------------------|------------------------------|
| 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 | ✓ |
| Date | 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 (1920x1080) (or more) |
| USB Interface | USB 3.0 or higher, Voltage 4.9V-5.1V, Current >1A |
| Operation system | Windows 10/11 |

Helios 680

HELIOS 680, MORE THAN A SCANNER.

