

HELIOS series 500

LESS COST & BETTER PERFORMANCE

High performance and affordable price for everyone



Why Helios 500?

Fit for your budget

The price of Helios 500 is affordable by almost everyone, and at the same time, it provides high performance.



Improve your digital workflow

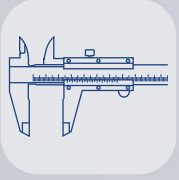
One of the most accurate and fastest scanners on the market.

Free your hands

Automatic and adaptive calibration, manual calibration is not necessary any more.

Make your experience comfortable

Smaller and lighter while achieving a 16mm x 14mm high-definition field of view.



Accuracy

As one of the most accurate scanners on the market, Helios 500 has reached the state-of-the-art accuracy level- the average deviation of a in-vivo full arch scan is around 20.0µm.



Speed

Scan a full arch fast with Helios 500.



Weight

Only 185 grams, one of the most lightweight scanners on the market, well-balanced, ergonomically designed, and easy to carry.



AI technology

AI technology filters the soft and moving tissues, offering users a smooth scanning experience and generating a natural-looking treatment outcomes.

USB port for power delivery and data transfer.

Button for switching the upper jaw, lower jaw and bite mode.

Firm body design with durability

Detachable cable and replaceable with Type-C port.

Attitude sensor for a better interaction with customers.

HELIOS 500

2 optional sizes

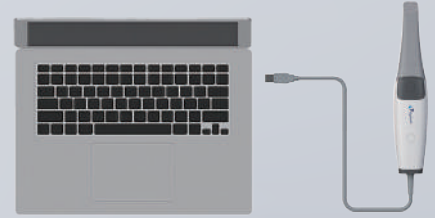
L
16mm x 14mm

S
12mm x 12mm

Removable and 180° reversible tip
Compatible with Helios 600

Anti-Fogging
Powder-Free
LED light source

Plug&Scan



Smart Reminder



Automatic Software Update



Cloud Storage



Online 3D Viewer



Air Mouse



Timely After-sales Service



Voice Note



Scanner Status Icons

Recommended System Requirements

Processor	Intel®Core™ i5 12th Generation, base frequency 2.4 GHz (or better)
Memory	16GB (or more) DDR4, frequency 2666 MHz (or better)
Hard Drive	256GB (or more) SSD
Graphics Card	NVIDIA®GeForce®GTX 1650 (or better)
Display	15.6" FHD (1920 x 1080) (or more)
Others	USB 3.0 port
Operation system	Windows 10/11
Optional	Touch screen

Specifications

HELIOS 500

Accuracy	Full-arch	20.0µm
	Scan area	16 x 14mm (L)
12 x 12mm (S)		
Handpiece	Dimensions	217x54x24
	Weight	185g
Tip	Tip size(front part)	22x18mm(L)
		18.6x16.7mm(S)
Connectivity	Length	1.8m/Handpiece detachable
	Type	USB 3.0
Calibration	Accuracy calibration	Calibration-free
	Color calibration	Calibration-free
Special mode	Remote control mode	Yes
Data	Output format	STL/PLY