

## Technical Specifications



**iONA Vista™**  
IntraOral Scanner

# Smart Digitization

Willing to Smile

### General Information

Intended use	Optical impression system used for dental restorations, implant and orthodontic appliances
Full arch scan time	20 seconds
3D scanning mode	Video type
Color scan	Realistic color
Quadrant accuracy	10 microns
Full jaw accuracy	60 microns

### Ease of Scan

Scan FOV (Field of View)	15.5×11mm
Scan depth	-2mm - 18mm
3D image visualization	Real-time imaging display
Scan indication	Scan interruption sound indication Bite scan color indication
AI scan	Real-time soft tissue removal Real-time overlap removal
Anti-fogging	Active heating

### Scanner Technology

Basic 3D imaging principle	Triangulation
Light projection	High density LED light dots
Machine vision	Binocular vision
Camera sensor	Dual camera
Internal moving part	None
Imaging stitching principle	3d image stitching

### Ease of Grip

Dimensions (L x W x H)	270 x 45 x 37mm
Weight	250g
Tip size	16.6 x 16mm
Cable	Wired
PC connection	USB 3.0/3.1/3.2 (portable version iONA Vista)
PC intergration	AIO cart version with touch screen (iONA Vista +)



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**iONA Vista**<sup>™</sup>  
IntraOral Scanner

## Faster Lighter Better

As the latest member of WOSON iONA series, iONA Vista is by far the lightest, smallest, but also the most powerful powder-free intraoral scanner we've ever made, it delivers superior dentist/patient satisfaction with enhanced scan accuracy, ease of scan and intelligent functionality. iONA Vista intraoral scanner provides you with not only the easier entrance to digital dental treatment workflow but also open data connection to CAD/CAM platforms.

Embrace the future of digital dentistry and make the switch, starting now.





## Features



### Removable Scanner Tip

Autoclavable times: 40



### Anti-Fogging

Built-in heating



### Light Weight

Only 250 grams, perfect balance of size and weight in hand



### Powder-Free

Does not require powder to perform scanning procedures



### Light Source

LED



### User-friendly Scan Interface

Enable efficient scan workflow



### Open File Format

Open data connection to CAD/CAM platforms, STL/PLY output.

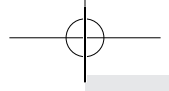


 **woson**<sup>®</sup>



**iONA Vista**<sup>™</sup>

# INTRAORAL SCANNER



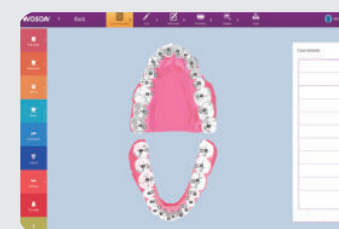
# Flexible Solution Crafted for Your Practice

You can choose gaming notebook, gaming desktop computer or WOSON unique acquisition unit to be suitable to your usage scenario.



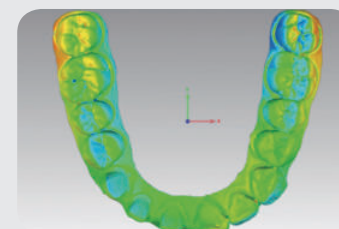
## Small Scanner

iONA Vista has made the scanner smaller than ever to provide a more comfortable access to patient's mouth, without compromising on the scan efficiency.



## High-Speed Scanning

iONA Vista is capable of finishing an one-arch scan quickly within 1 minute , saving both time and energy for dentists and patients.



## Absolute Accuracy

Quadrant:10μm  
Full Arch:60μm

For the trueness measurement with a standard gypsum cast, the digital datasets obtained from iONA Vista were superimposed( best-fit algorithm of software-Geomagic) to the reference datasets and 3D comparisons were performed ( n=3/ intraoral scanner).



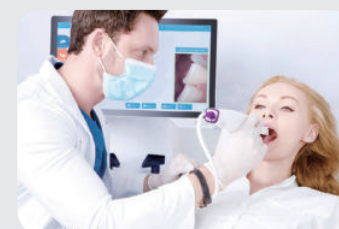
## Vivid Color Visualization

A specialized RGB camera gives you photorealistic color visualization experience. By combining its color information with the rich detail and sharpness of the HD 3D camera, iONA Vista can simultaneously capture 3D images in color with highly accurate 3D scanning.



## High Resolution Image

To provide better scanning results and clearer teeth structure information for dentist and technician, iONA Vista has developed new generation dual camera design that delivers complete 3D structure of everything in its field of view, even the steep angles, hard-to-access areas.



## -2-18mm Scan Depth

Higher scan depth enables perfect sharpness and outstanding precision for deeper-lying indications.