



Reshaping Digital Dentistry

Innovation Takes Flight...

Alliedstar is thrilled to introduce AS 200E, its flagship wireless intraoral scanner featuring meticulous design, all-day battery life, effortless using experience, and vibrant eco-system. It's the ultimate intraoral scanner for the new and the pro.

Pro Performance

20 seconds full-arch scanning AI-powered enhancement Pristine accuracy True-to-life colour.

Unrivalled Experience

Compact form factor Calibration free Duo scan buttons Patient engagement Remote control.

Expanding Platform

Future-proof eco-system Cloud storage Online 3D viewer.

Breakthrough Wireless Technology

First wireless charging scanner Ultra-low latency Up to 2-hours continuous scanning Sleep mode & instant wake

Form and Weight Comparison

with Battery



Model	AS 200E	TRIOS	i700 Wireless	CS 3800
Weight	245g	299g	328g	240g

Unrivaled Experience

Small in size, huge in potential.

We have found a way to put all the cutting edge technologies into an incredibly small form factor that is one of the smallest, lightest wireless scanners in market.

The pen-grip styled scanner fits comfortably into dentist's hand and minimises fatigue in prolonged procedures.



Up to 2-Hours Continuous Scanning

The AS 200E is extremely capable and power efficient. A single charge allows up to 2 hours continuous scanning, or the equivalent of 60 typical cases, so you can use for full day without the need to charge.

Wireless charging

Charging is as simple as putting the device back to the charging holder. Instant Wake features zero waiting time. AS 200E is automatically activated the moment it is taken out of the holder.

Spare Battery

AS 200E ships with batteries. When you went through extensive cases and need to change the battery, simply remove the spare battery from the charging station and replace.



Pro Performance

Scan Speed

Freedom in wireless movement doesn't mean compromise in performance and speed.

AS 200E is the fastest Intraoral Scanner device we've designed to date. You can finish a full-arch scan in as low as 20 seconds, even more capable than many flagship wired scanner on the market.

Lossless Image Compression

AS 200E captures images in RAW format, so every detail is preserved in the process.

Lossless compression technology is applied so the data stream is only a fraction of its original size, maintaining highest integrity and flexibility, whilst keeping the experience smooth and lagging-free.

Transmission

With its robust antenna design, high-speed transmission protocol and proprietary image compression technology, AS 200E delivers ultra-fast and smooth data stream whilst maintaining exceptional data quality.

20seconds Full-arch scan

60seconds Archs and bite

Calibration Free

AS 200E is calibration-free, eliminating the need for expensive calibration tools and avoiding interrupting your routine. We have achieved this incredible goal by redesigning the whole process and keep the integrity of components throughout the service life.

So it's ready for precision scanning the moment you take it out of the box, and anytime in the future.

Remote Control

Enjoy a seamless experience and more hygienic workflow from start to finish without having to touching the computer.

You can review a finished model, scale, pan and rotate at any direction, access the menu and more options simply by moving the scanner, thanks to the builtin advanced motion sensor.

Pristine Accuracy

The combination of cutting-edge image sensor and proprietary processing pipeline achieves 20µm accuracy in full arch scanning.

Duo Scan Buttons

Two scan buttons were strategically placed on both sides of the scanner.

So when it's time to switch, you can easily rotate the scanner and press with your usual finger to continue scanning. No need to remember button positions or reassemble the tip.

True-tone Colour

Highly advanced algorithms capture and recreate true-to-life colours.

Lossless Image Compression

Fast Wireless Transmission

Tip in Two Sizes

Touch-screen Support

Expanding Platform

Future-proof Eco-system

The software platform from Alliedstar products sets a new standard for the category. With functions including robust scan and edit tools, dashboard view, cloud storage, online review and more. It will truly maximize the potential of your clinical data and set a new standard of collaboration between workflows.

We are rapidly expanding our collaboration with industry partners. More and more dental clinic, lab, and manufacturer are joining this vibrant community so you can realize the best potential.

Cloud Storage and Online Review

Free storage comes with every Alliedstar product to free you from the limitations of local physical storage. Your online sharing process is simplified thanks to the auto-synchronization function.

You also have the ability to directly share and view 3D models in the browser as part of your Cloud Storage collection. This will greatly expand your capabilities with collaborators and industry partners.



Specifications

Handpiece	Dimensions	248 x 48 x 37 mm	Tip	Size	22 x 18 mm (L) 18 x 16 mm (S)
	Weight	245g (with battery)		Autoclavable	Up to 60 times 134°C 4 mins
Scanning	Full-arch Accuracy	20 µm	Battery	Scan Duration	120 min
	Field of View	16 x 14 mm (L) 12 x 12 mm (S)		Charging	Wireless
	Capture Button	Duo Buttons	Calibration	Calibration Free	

Minimum System Requirements

	Desktop	Laptop
CPU	9th Generation Intel® Core™ i5-9600 AMD Ryzen™ 5 2600	10th Generation Intel® Core™ i7-10750H AMD Ryzen™ 7 4700U
RAM	16 GB	
Graphics *	NVIDIA GeForce GTX 1650 4GB	
Disk	512 GB SSD	
OS	Win 10 (build 18362+) / Win 11, 64 bit	

Recommended System Requirements

	Desktop	Laptop
CPU	9th Generation Intel® Core™ i7-9700 AMD Ryzen™ 7 2700	10th Generation Intel® Core™ i7-10870H AMD Ryzen™ 7 PRO 4750U
RAM	32 GB	
Graphics *	NVIDIA GeForce GTX 1660 6GB	
Disk	1 TB SSD	
OS	Win 10 (build 18362+) / Win 11, 64 bit	

* NVIDIA graphics cards have full support, while other manufacturers' cards may lack certain advanced features.