AlliedStar

AS 200E

Wireless Intraoral Scanner

Innovation Takes Flight

Introducing AS 200E, a wireless intraoral scanner that takes a quantum leap ahead of its competitions. With its meticulous design, all-day battery life, unrivaled 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 color

Unrivaled 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

Unrivaled Experience

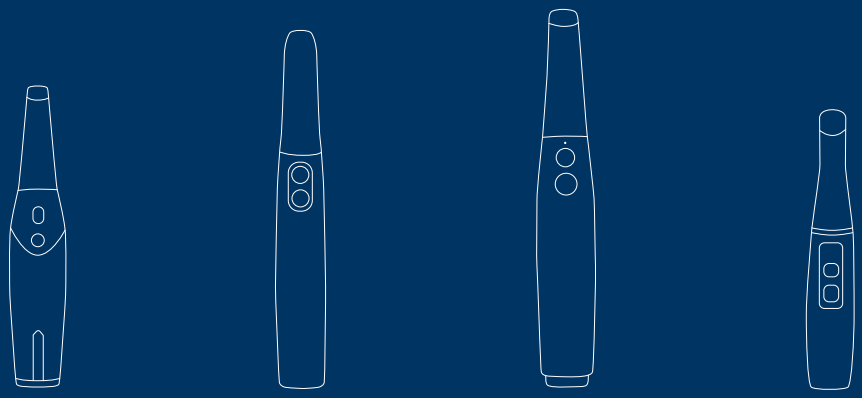
Small in size, huge in potential

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 intraoral scanners in market.

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

Form and Weight Comparison

with Battery



Model	AS 200E	TRIOS 5	i700 Wireless	CS 3800
Weight	245g	299g	328g	240g

Duo Scan Buttons

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

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

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 built-in advanced motion sensor.

Pristine Accuracy

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

True-tone Color

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

Lossless Image Compression

Fast Wireless Transmission

Tip in Two Sizes

Touch-screen Support

Pro Performance

Scan Speed

Freedom in wireless movement doesn't mean compromise in performance and speed. AS 200E is the fastest device we've designed to date.

You can finish a full-arch scanning in 20 seconds and have incredibly responsive image feed throughout the process, even better than traditional wired scanners on the market.

20 seconds
Full-arch scan

60 seconds
Archs and bite

AI-powered Enhancement

Off-line machine learning algorithms speed up your scanning process and build models with better accuracy.

Patient Engagement

Use this powerful tool to engage with your patients. Track their records throughout your practice, show treatment options and prospects, grow your business with new opportunities at amazing cost effectiveness.

All-day Battery Life

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.

Sleep Mode & Instant Wake

To complement its immensely efficient energy consumption and extend stand-by time, AS 200E adopts rigorous power management strategies. The device goes to sleep in case of idleness, and instantly goes back on the minute you need it.

60 cases in single charge

Wireless charging

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.

Expanding Platform

Future-proof Eco-system

The software platform from Alliedstar products set 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 sets 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
	Weight	245g (with battery)
Scanning	Full-arch Accuracy	20 µm
	Field of View	16 x 14 mm (L) 12 x 12 mm (S)
	Capture Button	Duo buttons

Tip	Size	22 x 18 mm (L) 18 x 16 mm (S)
	Autoclavable	Up to 60 times 134°C 4mins
Battery	Scan Duration	120 min
	Charging	Wireless
Calibration	Calibration Free	

About Alliedstar

Founded in 2019, Shanghai, Alliedstar Medical Equipment Co., Ltd. focus on digital dentistry and imaging solutions. The core founding members came from the industry with profound understanding and know-hows.

Our aim is to provide world-class products with exceptional quality and reliability to help dentist providing better care and build more smiles within.

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