



## Align Technology Announces New iTero Lumina™ Intraoral Scanner Featuring a 3X Wider Field of Capture<sup>1</sup> in a 50% Smaller Wand<sup>2</sup> That Delivers Faster Scanning, Higher Accuracy<sup>3</sup>, and Superior Visualization<sup>4</sup> for Greater Practice Efficiency

January 31, 2024

*Powered by the new iTero Multi-Direct Capture™ technology, the iTero Lumina scanner quickly<sup>5</sup>, easily<sup>1</sup>, and accurately<sup>3</sup> captures more data while delivering exceptional scan quality and photorealistic visuals that remove the need for intraoral photos<sup>3</sup>.*

SAN JOSE, Calif. & TEMPE, Ariz. & PETACH TIKVA, Israel--(BUSINESS WIRE)--Jan. 31, 2024-- Align Technology, Inc. (NASDAQ: ALGN) a leading global medical device company that designs, manufactures, and sells the Invisalign® system of clear aligners, iTero™ intraoral scanners, and exocad™ CAD/CAM software for digital orthodontics and restorative dentistry, today announced the launch of the iTero Lumina™ intraoral scanner – with a 3X wider field of capture in a 50% smaller and 45% lighter wand, delivering faster scanning speed, higher accuracy, superior visualization, and a more comfortable<sup>6</sup> scanning experience.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20240131690746/en/>



iTero Lumina™ intraoral scanner wand. (Photo: Business Wire)

Designed with iTero Multi-Direct Capture technology that replaces the confocal imaging technology in earlier models, the iTero Lumina scanner:

- Has a wider field of capture and multi-angled scanning that enables simultaneous capture from multiple angles, making it possible to capture more dentition in a single uninterrupted movement, and deliver smoother, faster, and more accurate scans<sup>3</sup>;
- Has a larger capture distance of up to 25mm\*\*, making it easier<sup>1</sup> to scan complex oral regions such as narrow or deep palates, edentulous spaces, and partially erupted teeth with minimal maneuvering;
- Quickly<sup>5</sup>, easily<sup>1</sup>, and accurately<sup>3</sup> captures more data and greater detail while delivering exceptional scan quality and photorealistic 3D models that remove the need for the bulky digital cameras and cheek retractors required for traditional intraoral

photos;

- Provides an effortless scanning experience that sets a new level of ergonomics and comfort, and helps remove adoption and utilization barriers<sup>7</sup>; and
- Delivers a better patient experience with a significantly smaller and lighter wand<sup>2</sup>, which is especially beneficial for kids and teen patients.

“Today we’re excited to introduce the next generation of iTero scanning technology that pushes the boundaries of what the industry has come to expect from a scanner,” said Karim Boussebaa, Align Technology executive vice president and managing director for the iTero scanner and services business. “iTero Lumina creates a new standard in digital scanning that achieves exceptional clinical outcomes through more detailed data capture and highly accurate, photorealistic images; increases practice efficiency with an effortless, faster scanning experience; and delivers an elevated, more comfortable experience for clinicians and patients.”

“It’s exciting to reveal the iTero Lumina intraoral scanner, designed to meet the needs of doctors and their patients, including a smaller wand with data capture capabilities and the potential to redefine what scanners can do,” said Arie Eshco, Align Technology vice president, global product, marketing, and services, for the iTero scanner and services business. “With iTero Lumina, the iTero tools and features that practices use every day with their orthodontic and comprehensive patients – tools like Invisalign® Outcome Simulator, iTero Occlusogram, iTero TimeLapse, and the recently released

Align™ Oral Health Suite – are enhanced with faster, more efficient, and photorealistic image capture, making iTero technology an invaluable part of digital treatment.”

“iTero Lumina is such a leap in scanning innovation: six cameras, increased capture range while floating over the dentition. I can confidently show my patients that I have the best, the most accurate, the fastest and importantly the most effective integration of digital workflow when treating them with Invisalign. I want to apply this innovation to increase my efficiency and efficacy in the Invisalign system, and to deliver the best experience possible for my patients...and that’s what the iTero Lumina allows me to do.”

– Dr. Vicki Vlaskalic, orthodontist, Australia

“iTero Lumina has amazing cameras. You capture multiple surfaces at the same time and when I work with my younger patients, I can take a scan really in a few seconds, especially in mouths where we only have 20/24 teeth, such as early deciduous or mixed dentition patients.”

– Dr. Simonetta Meuli, orthodontist, Italy

“Our practice data shows scanning quality and times have improved with the iTero Lumina scanner, which highlights to the consumer we are all about precision orthodontics and up-to-date digital technology. It’s a tremendous leap forward in imaging and visualization which translates to better communication and patient experience.”

– Dr. David Boschken, orthodontist, US

“The accuracy, speed and ergonomics of iTero Lumina is ideal for complex scans that require more attention to details and maneuvering. For example, for full arch scans, full mouth reconstructions, multiple restorative units, and conservative preparations like veneers which were some of the most impressive features I’ve noticed so far during my clinical trials.”

– Dr. Karla Soto, GP, US

A global broadcast to provide more detailed information about the iTero Lumina intraoral scanner is scheduled for February 15th. Registration will open on February 1.

Information about the iTero Lumina™ intraoral scanner can be found at <http://www.itero.com/en> and <https://www.aligntech.com/iterolumina>.

For information about iTero Lumina intraoral scanner availability, please contact your Align Technology representative.

### **About iTero Lumina Intraoral Scanner**

iTero Lumina is the next generation of digital scanning technology that pushes the boundaries of what intraoral scanners can do and sets a new standard for practice performance. New proprietary iTero Multi-Direct Capture™ technology offers 3X wider field of capture<sup>1</sup>, high accuracy<sup>3</sup> and maximum capture distance of 25mm\*\* for a smooth scanning experience for users and patients. Photorealistic scans enable high quality clinical decisions the same way intraoral photos do<sup>3</sup>. Advanced software enabling effortless, uninterrupted, and flexible scanning experience at 2X the speed<sup>4</sup> in a 50% smaller<sup>2</sup> wand for a more comfortable<sup>6</sup> experience, for adult, kids, and teens alike. The iTero Lumina™ intraoral scanner is available in both cart and mobile configurations on the iTero Plus Series platform.

1. Compared to the field of view of the iTero Element™ 5D imaging system, when the iTero Lumina™ intraoral scanner’s scanning distance is 12 mm.\*
2. Compared to iTero Element™ 5D imaging system wand, excluding the wand cable.\*
3. The iTero Lumina™ intraoral scanner has scientifically proven greater accuracy\* for your clinical orthodontic needs.
4. For Invisalign record-taking cases only. Based on a survey in September 2023 of n=22 users who participated in a global limited market release, working with iTero Lumina™ intraoral scanner for an average period of 6 months, representing both Invisalign trained general practitioners and orthodontists in NA, EU and APAC, who were presented with a 4 point level of agreement scale from strongly agree to strongly disagree with the following statement: “iTero Lumina™ intraoral scanner 3D model is comparable to that of an intraoral photo.” and “iTero Lumina™ intraoral scanner photorealistic scans enable orthodontic clinical assessment the same way intraoral photos do.” and “iTero Lumina™ intraoral scanner 3D model’s superior 3D model eliminates the need to take intraoral photos.” and “iTero Lumina™ intraoral scanner 3D model’s superior 3D model boosts patient engagement.”\*
5. Compared to iTero Element™ 5D wand with tolerance AVE=±0.1 operating at a working distance from 0-20 mm.\*
6. For doctors and their staff: Over other iTero™ scanners in their respective clinics. Based on a survey in September 2023 of n=22 users who participated in a global limited market release, working with iTero Lumina™ intraoral scanner for an average period of 6 months, representing both Invisalign® trained general practitioners, orthodontists, and their staff in NA, EMEA and APAC, who were presented with a 4 point level of agreement scale from strongly agree to strongly disagree with the following statement: “I prefer the iTero Lumina™ intraoral scanner over other iTero scanners in my clinic due to the comfortable scanning experience it provides. For patients: Compared to iTero Element™ 5D imaging system wand.
7. Based on a survey in September 2023 of n=22 users who participated in a global limited market release, working with iTero Lumina™ intraoral scanner for an average period of 6 months, representing both Invisalign trained general practitioners and orthodontists, and their staff in NA, EU and APAC, who were presented with a 4 point level of agreement scale from strongly agree to strongly disagree with the following statement: “The iTero Lumina™ intraoral scanner scanning experience helps remove adoption and utilization barriers.”

\*Compared to the accuracy of the iTero Element™ 5D imaging system.

\*\*Data on file at Align Technology, as of November 15, 2023.

### **About Align Technology, Inc.**

Align Technology designs and manufactures the Invisalign® system, the most advanced clear aligner system in the world, iTero™ intraoral scanners and services, and exocad™ CAD/CAM software. These technology building blocks enable enhanced digital orthodontic and restorative workflows to improve patient outcomes and practice efficiencies for over 256 thousand doctor customers and is key to accessing Align’s 600 million consumer market opportunity worldwide. Over the past 26 years, Align has helped doctors treat approximately 17 million patients with the Invisalign system and is driving the evolution in digital dentistry through the Align Digital Platform™, our integrated suite of unique, proprietary technologies and services delivered as a seamless, end-to-end solution for patients and consumers, orthodontists and GP dentists, and lab/partners. Visit [www.aligntech.com](http://www.aligntech.com) for more information.

For additional information about the Invisalign system or to find an Invisalign doctor in your area, please visit [www.invisalign.com](http://www.invisalign.com). For additional information about the iTero digital scanning system, please visit [www.itero.com](http://www.itero.com). For additional information about exocad dental CAD/CAM offerings

and a list of exocad reseller partners, please visit [www.exocad.com](http://www.exocad.com).

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