iTero™

A range of iTero™ solutions **with a world of possibilities.**





Go beyond scanning.
Unlock your practice potential and experience the power of Align™ Digital Platform, an integrated ecosystem designed to simplify everyday workflows, help save time for you and your team, improve your patients' oral health and experience, and ultimately drive revenue growth.

Connected solutions for every workflow

- **Oral health assessment:** Leverage a fully multi-modal diagnostic support suite of tools with precise visualization of patients' oral health, all in one solution.
- **Restorative workflows:** Benefit from superior accuracy[9] and seamless connectivity for your restorative treatments.
- **Orthodontic workflows:** Unlock a best-in-class orthodontic experience with a unique integration between iTero solutions and the Invisalign® system.
- **Lab connectivity:** Enjoy seamless integration with your lab partners, with files sent directly and securely within minutes[1].
- **Chairside efficiency:** Enable single-visit dentistry with a simple and intuitive chairside design suite powered by exocad™.

Embrace a future-ready workflow with an iTero™ as your digital dentistry partner.

Support that goes beyond the technology

- **Unlimited cases access and storage:** Work on your cases and share with your labs anytime, anywhere through the MyiTero™ portal.
- **Dedicated support:** Access direct assistance from local technical and clinical teams.
- **Education & training:** Benefit from customized training sessions, learning resources and live or on-demand continuing education.



iTero™



The iTero Lumina™ scanner helps you deliver exceptional efficiency and clinical outcomes with the wave of a wand.

With iTero Multi-Direct Capture™ technology, you can benefit from:

- **2x** faster scanning across all cases[2]
- **50%** smaller wand for greater ergonomics[3]
- **3x** larger field of view[4] for fast data capture and less maneuvering

Aid in diagnostics

- Multi-modal oral health assessments
- Photorealistic 3D models, intraoral camera, and caries detection aid[5] in one device
- Patient-centric views for better understanding
- Estimated +$15,000 revenue boost with iTero scanners and Align™ Oral Health Suite for GP practices[6]

Restorative

- A single iTero Lumina™ scan is within accuracy thresholds of photogrammetry for full-arch implant restorations[7]
- Predictable first-time restoration fit[8] with superior full-jaw accuracy[9]
- Chairside design suite for in-practice production—integrated with 3D printers[10] and milling machines[11]

Orthodontics

- Striking in-face video simulation of future smiles for better patient communication
- Photorealistic scans eliminate the need for intraoral photos for Invisalign® cases[12]
- Unique connectivity with the Invisalign® system

New

iTero Lumina™ scanner in PC configuration

Experience the power of iTero Lumina™ technology, available in cart, mobile and now PC configuration to fit all your different needs.

The compatible computer unit is available for direct purchase from Contec.

Scan to see details



Explore options that support your practice's digital journey.

Software options	Pro software	Advanced software	Starter software
	Comprehensive package for the ultimate all-in experience	Robust package for confident performance	Essential package to begin your journey
Diagnostic aid and patient engagement applications	+	+	+
Orthodontic capabilities	+	+	+
Restorative capabilities	+	+	+
Same-day dentistry	+	+	+
Connectivity and software ecosystem	+	+	+
Hardware options	**iTero Lumina Pro™ imaging system**  Cart and mobile configuration	**iTero Lumina™ intraoral scanner**  Cart, mobile and PC configuration	**iTero Lumina™ intraoral scanner**  PC configuration

Hardware specifications

	iTero Lumina™ imaging system Cart configuration	iTero Lumina™ imaging system Mobile configuration	iTero Lumina™ imaging system PC configuration
			
All-in-one medical grade device	Built with biocompatible materials to meet cleaning and disinfection standards.		N/A
Wand weight and size	260g L: 248.2 mm (~9.8 in) / W: 43.9 mm (~1.7 in) / D: 39.2 mm (~1.5 in).		
Screen size	16:9 full HD widescreen Monitor: 21.5”.	16:9 full HD widescreen Monitor: 15.6”.	Screen size and quality depend on the computer of your choice.
Design & portability	Integrated high-performance display and touch screen at optimal height, minimal cabling, ergonomic holder, and designed for smooth in-office mobility.	Integrated high-performance display and touch screen, offering added flexibility for effortless portability across treatment rooms.	Requires an extra cart or table for mobility, with separate components and cable management needed.
Support	Fully integrated system supported end-to-end by iTero, offering a one-stop-shop experience for hardware and software assistance.		iTero supports the wand and scanning software; computer support is handled separately by its manufacturer.



Let's partner together to increase the efficiency and growth of your practice.

Speak to one of our sales representatives today to find out what an iTero™ scanner could do as your digital dentistry partner.

[Local team contact info]

Scan this QR code to learn more.



iTero™

1. Based on 10,000 scans, mean transfer time, defined as the time between the practice sending the iTero scan and the dental laboratory receiving it, is 4.6min. May vary based on internet connection. Data on file at Align Technology, as of February 12, 2020.
2. The iTero Lumina™ intraoral scanner is designed to enable 2x faster scanning compared with previous iTero™ intraoral scanners. Compared to the iTero Element™ 5D imaging system with tolerance AVE=±0.1 operating at a working distance from 0-20 mm. Data on file at Align Technology, as of November 15, 2023.
3. The iTero Lumina™ intraoral scanner wand is 50% smaller than the iTero Element™ 5D imaging system wand. Compared to iTero Element™ 5D imaging system wand, excluding the wand cable. Data on file at Align Technology, as of November 15, 2023.
4. The iTero Lumina™ intraoral scanner offers 3x larger field of view designed for more surface area capture enabling faster scanning. 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. Data on file at Align Technology, as of November 15, 2023.
5. Based on a multisite clinical study conducted in real-world settings using iTero NIRI technology (Near Infra-red imaging) (n= 5,796 proximal tooth surfaces with 3,502 posterior proximal tooth surfaces in 102 patients) as a tool in aiding in detection and diagnosis of interproximal caries above the gingiva. Data on file at Align Technology, as of February 10, 2021. iTero™ NIRI technology is only available in iTero Element™ 5D Plus Imaging System and iTero Lumina™ Pro Imaging System.
6. GP practices that regularly used iTero scanners and the Align Oral Health Suite saw $15,000 higher estimated monthly revenue versus those that did not use the Align Oral Health Suite. Based on a calculated median difference of 1H2024 production revenue between North American GP practices with regular daily usage of the iTero scanner and the Align Oral Health Suite (n=69) versus GP practices that did not use the Align Oral Health Suite (n=636). Data accounted for varying clinic patient volumes. The Align Oral Health Suite is only available on iTero Lumina and iTero Element Plus Series scanners. Data on File at Align Technology, as of September 3, 2024.
7. Based on bench testing conducted in January 2025 according to ISO 20896-2:2023 vs. Ground truth: Imetric ICam 4D Photogrammetry system; Sample size: n=10; 5 upper arch model (All-on-6) and 5 lower arch model (All-on-4). Thresholds were defined as Horizontal error <50µm, Vertical error <30µm, and Angular deviation < 0.4o. Data on File at Align Technology, as of January 31, 2025.
8. Based on bench testing conducted in June 2024 according to ADA/ANSI 132 standard requirements for long distance full jaw accuracy (avg error = 0.03% - 0.24% <0.25%), crown accuracy (average error = 0% - 0.9% <1%) and inlay accuracy specimens (average error = 0% - 0.4% <1%). Data on File at Align Technology, as of August 26, 2024.
9. Based on bench testing conducted using ADA/ANSI 132 standard Model simulating "long distance accuracy (full jaw measurement)" in July 2024. Sample definition: 3 operators performed 30 repetitive scans with each tested scanner; Sample size: n=90 (3x30) scans for each scanner tested; Tested scanners: iTero Lumina™, Trios 5, CS3800, Medit i700, Alliedstar; Results: The accuracy of iTero Lumina™ is significantly higher than that of all 4 competitors; with a reduction of total error ranging from 0.11% to 0.46%. Accuracy was defined as the accumulated average error + STD of all measurements specified in the standard. Data on File at Align Technology, as of August 26, 2024.
10. iTero Design Suite integrates with 3D Systems NextDent, ASIGA, DEKEMA, Desktop Health, Formlabs GmbH, Phrozen 3D, SprintRay, Way2Production GmbH, Kulzer Cara, Ackuretta, WhipMix, DWS, HeyGears, Microlay, MiiCraft, nexa3D, Planmeca, Prusa Medical, rapidshape, UNIZ, Shining 3D, Mogassam.
11. iTero Design Suite supports milling units using MillBox software, including Imes-Icore, DG shape, Up3D, DOF, Arum, Aidite, Redon, Plancam, Technodrill, Tecno-gaz and others.
12. Based on clinical data collected in January 2024 of n=15 subjects who participated in a clinical study with iTero Lumina™ intraoral scanner. Data reviewed by Invisalign trained practitioners (Orthodontists and GPs) in conjunction with Align clinical team. Data on file at Align Technology, as of January 31, 2024.
13. When incorporating iTero Element 5D scanner into their practice surveyed doctors reported that they increased patient acceptance by 71%. Based on a survey in May of 2019 of n = 15 practitioners who participated in a global limited market release, working with iTero Element 5D for an average period of 6 months, representing both GPs and Orthos in CAN, EU and APAC, who were presented with a level of agreement scale from strongly agree to strongly disagree with the following statements: "Incorporating the iTero Element 5D scanner into my current diagnostic protocol,, I experienced an increase in the number of accepted caries treatments by my patients at my practice", and then asked to estimate the average increase. Data on file at Align Technology, as of November 15, 2019.
14. The iTero Lumina™ intraoral scanner boasts a maximum capture distance of 25 mm. Data on file at Align Technology, as of November 15, 2023.
15. More than 20,000 dental laboratories worldwide are iTero scanner enabled. Data on file at Align Technology, as of March 31, 2024.