rapideye®

Digital Solutions

MI-1000
Intraoral Scanner

MI-1000W
Wireless Intraoral Scanner

myrapideye.com

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MI-1000

Impressive Performance

Single Arch
30sec

Speed and Precision Combined

Rapideye MI-1000 optimizes digital impressions by combining speed and reliability, delivering a full-arch scan in under 30 seconds with **20 µm** precision.

15 FPS image capture rate provides a **stable and consistent** scanning experience.

High Accuracy

Single Tooth
10 µm

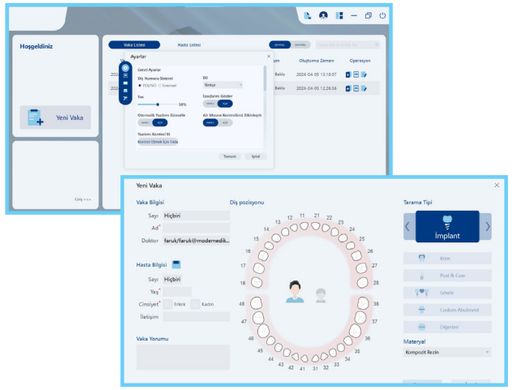
Full Arch
20 µm

Wider Field of View, More Data

16x14mm

The MI-1000 features a compact design with a wide 16 × 14 mm field of view, enabling you to capture more data in every single frame. This ensures a smoother and more efficient digital impression workflow.

User-Friendly Software



Multilingual Interface
Multi-language support makes it easier for users to understand and use all the device's functions.

Cloud Storage
100 GB of free, optionally expandable storage up to 2TB for fast data transfer

Smart Reminder
Smart on-screen guidance during scanning

Automatic Software Update
Software updates are provided automatically to keep the device up to date.

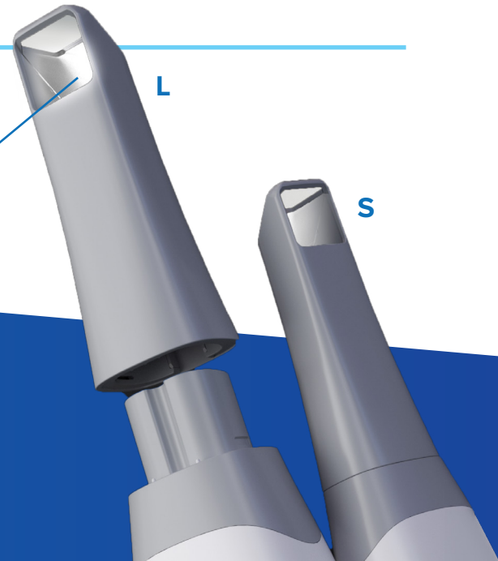
Online 3D Viewing
View scan files in 3D in the cloud.

AI Support
Artificial intelligence prevents data overlaps by automatically removing soft tissue.

Scanning Tips (L/S)

Removable and 180° Reversible

With Improved Air Duct Design
Anti-fogging
LED light source



L Large
16mm x 14mm

S Small
12mm x 12mm

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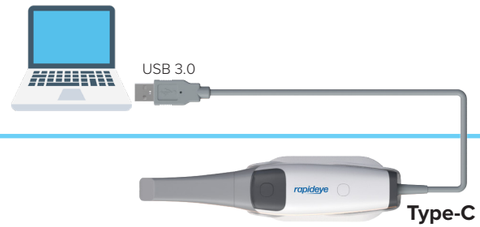
MI-1000

Plug & Play Type-C



Rapideye MI-1000 eliminates cable clutter with a ‘Plug-and-Play’ design. A single, standard USB Type-C cable connects directly to your PC, removing the need for proprietary cables or external power adapters.

MI-1000 Case Contents

MI-1000 Scanner
(1 pc)

Replaceable 1.8m USB Type-C Cable
(1 pc)

Scanner Stand
(1 pc)

Scanning Tip L
(3 pc)

Scanning Tip S
(1 pc)

USB Flash Driver
(1 pc)

Ergonomic Design

Extra Light
182 gr.

Air Mouse Comfort

One button and you’re in control

- Mouse control via scanner movement
- Independent control from keyboard/mouse
- Quick access to start-stop function during the scanning process

Quick Scan Mode Toggle Key
- Upper Arch
- Lower Arch
- Occlusion

Automatic Light Adjustment Sensor:
The MI-1000 automatically balances light intensity by instantly adapting to different clinical conditions and surface reflections, delivering consistent scan quality.

Automatic Calibration

RAPIDEYE MI-1000 performs calibration automatically with every use. By eliminating the need for manual adjustment, it ensures seamless performance and accelerates the clinical workflow.

rapideye wireless

MI-1000W

Uninterrupted scanning with full mobility within the clinic

Unbound Precision: Capture every detail from any angle with total wireless freedom.

rapideye AnyScreen

Wireless Freedom with Your Phone and Tablet

Extra Light
225 gr.

Instant Wireless Data Transfer

20 fps scanning speed
6m connection range

High-Speed Wi-Fi Connection, Stable Data Transfer

Engineered for continuity: Our advanced Wi-Fi 6 infrastructure ensures a rock-solid link, so you can focus on the patient, not the connection.

High Clinical Precision

Full Arch: 16 µm accuracy
Single Tooth: 8 µm accuracy

100 minutes with a Single Battery

100 minutes of continuous scanning with the Plug-and-Play Battery.

Integrated Digital Ecosystem

Manage your digital workflow easily on a single platform by synchronizing your data via the cloud.

Global access and cloud-based storage providing low latency.

Global Server Support with Amazon Cloud Infrastructure

Offers fast and stable data transfer thanks to the global server network; supports remote collaboration and data sharing.

Clinics and laboratories can create a more efficient digital workflow by enabling data sharing and communication via the cloud.

Powerful Battery, Long-Lasting Performance

Experience true clinical continuity with **intelligent power management** that synchronizes with your workflow. Our advanced energy-efficient standby mode preserves every charge, while the **dual-battery configuration** ensures you never have to pause for a recharge - simply swap and stay in motion.

rapideye wireless

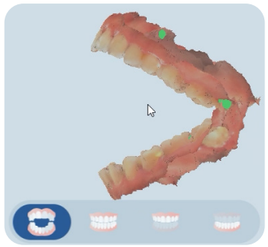
MI-1000W

Wide Application Range, Comprehensive Solution for Clinical Needs

- Automatic/ Manual Occlusion
- Advanced Implant Workflow
- Anti-Reflection Mode
- Occlusion Analysis
- Intraoral Camera
- Undercut Detection
- Tissue Mapping
- Tooth Measurement
- Margin Line Drawing
- Software Update
- Automatic AI
- Upper / Lower Arch Toggle
- Air Mouse Control
- Model with Base

AI Support

AI-powered personalized oral health reports help clinicians communicate diagnoses and treatment plans to patients more clearly.



180-Degree Rotatable, Removable Scanning Tips

- Withstands 100 high-temperature sterilization cycles.
- Provides a comfortable scanning experience with its smooth and seamless design.
- Requires no anti-reflection spray or pre-heating.

High Precision, Seamless Scanning

- High-performance image sensor and Rapideye-specific algorithms offer high clinical precision. (Full-arch: 16 µm, single tooth: 8 µm accuracy)
- Enhanced projection chip and 20 fps high frame rate ensure smooth scanning.
- 24-bit digital color technology reproduces intraoral colors with life-like accuracy.
- 20 mm large depth of field enhances imaging capabilities in challenging clinical areas.
- Automatic color and precision calibration eliminates the need for extra equipment or manual adjustments.

Ergonomic Design, Easy Grip

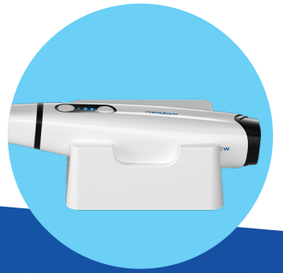
- Provides a perfect fit in the hand thanks to its integrated and sleek design.
- Offers high portability and user comfort with its lightweight 225 g body.

Motion-Controlled Image Rotation

Images can be easily rotated via the handpiece, allowing scan data to be reviewed quickly and practically from different angles.

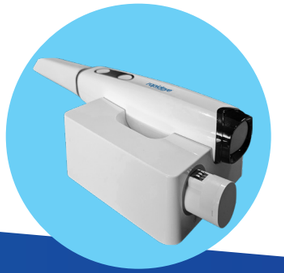
Multi-Function Control Keys

The dual independent button structure provides quick access to essential functions, simplifying control during use.



Anti-Fog Control with Silent Fan Technology

The silent fan helps maintain image clarity by reducing fogging, supporting an uninterrupted scanning process.



Uninterrupted Scanning with Dual Batteries

While the scanner is in use, the second battery charges in the station, enabling continuous scanning through alternating battery use.

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Intraoral Scanner

MI—1000

Technical Specifications

Accuracy	Full-arch: 20µm
	Single tooth: 10µm
Scanning Speed	15fps
Anti-Fog Method	Internal Micro-Fan
Scanning Area	16mm x 14mm (L) 12mm x 12mm (S)
Tip Size	Standard Tip (L) 22 x 18mm Small Tip (S) 18.6x16.7mm
Autoclaving	121°C 30 min. 134°C 4 min.
Connection	USB 3.0 Type-C
Cable Length	1.8 m / Replaceable Cable
Calibration	Precision: No calibration required
	Color: No calibration required
Data Output	STL/PLY/OBJ
Weight	182 gr.
Dimensions	217 x 54 x 24 mm

rapideye® wireless

Wireless Intraoral Scanner

MI—1000W

Technical Specifications

Accuracy	Full-arch: 16µm
	Single tooth: 8µm
Scanning Speed	20fps
Anti-Fog Method	Internal Micro-Fan
Scanning Area	16mm x 14mm (L) 12mm x 12mm (S)
Tip Size	Standard Tip (L) 22 x 18mm Small Tip (S) 18.6x16.7mm
Autoclaving	121°C 30 min. 134°C 4 min.
Connection	Direct Wi-Fi connection
Connection Range	6m
Calibration	Precision: No calibration required
	Color: No calibration required
Data Output	STL/PLY/OBJ
Weight	225 gr.
Dimensions	242 x 48 x 38 mm
Single Battery Capacity	3100mAh
Single Battery Runtime	100 minutes
Number of Batteries	2 units

ORION KIT

Full-Arch Photogrammetry Kit

Full-Arch Scanning Protocol

Full-Arch Photogrammetry Solution

The Orion Kit bridges the gap in complex restorations. Our exclusive photogrammetry protocol captures edentulous arches with unmatched stability, turning high-precision full-arch scans into a repeatable clinical reality.

Consistent Accuracy with Closed-Loop Scanning

Rigid structures are referenced first, followed by soft tissue scanning. This smart scanning approach helps obtain high-accuracy data unaffected by tissue movement.

High Efficiency with Parallel Scanning

Parallel scanning and data processing technology save time while helping maintain precision in complex clinical situations. (Including cases with subgingival depth ≥5 mm and limited parallelism.)

Seamless Workflow, Smart Control

The advanced software structure reduces the need for manual processes like segmentation. Real-time error alerts allow for immediate rescanning when necessary.

rapideye® AnyScreen

One Scanner, Any Screen

Break free from the workstation with **Rapideye AnyScreen**. Experience real-time scan monitoring and management directly on your iOS or Android devices. Whether on a tablet or smartphone, AnyScreen gives you the flexibility to review, manage, and share scan data from anywhere in the clinic, ensuring your workflow is as mobile as you are.

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System Requirements

Processor	Intel® Core™ i7-13700H 2.4 GHz (or higher)
Memory	32GB DDR4, 2666 MHz (or higher)
Storage	1TB (or higher) SSD
Graphics Card	NVIDIA® GeForce® (RTX 4060 6G / higher)
Display	15.6” FHD (1920x1080) (or higher)
Connection Port	3.0 high-speed port
Operating System	Windows 10/11

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