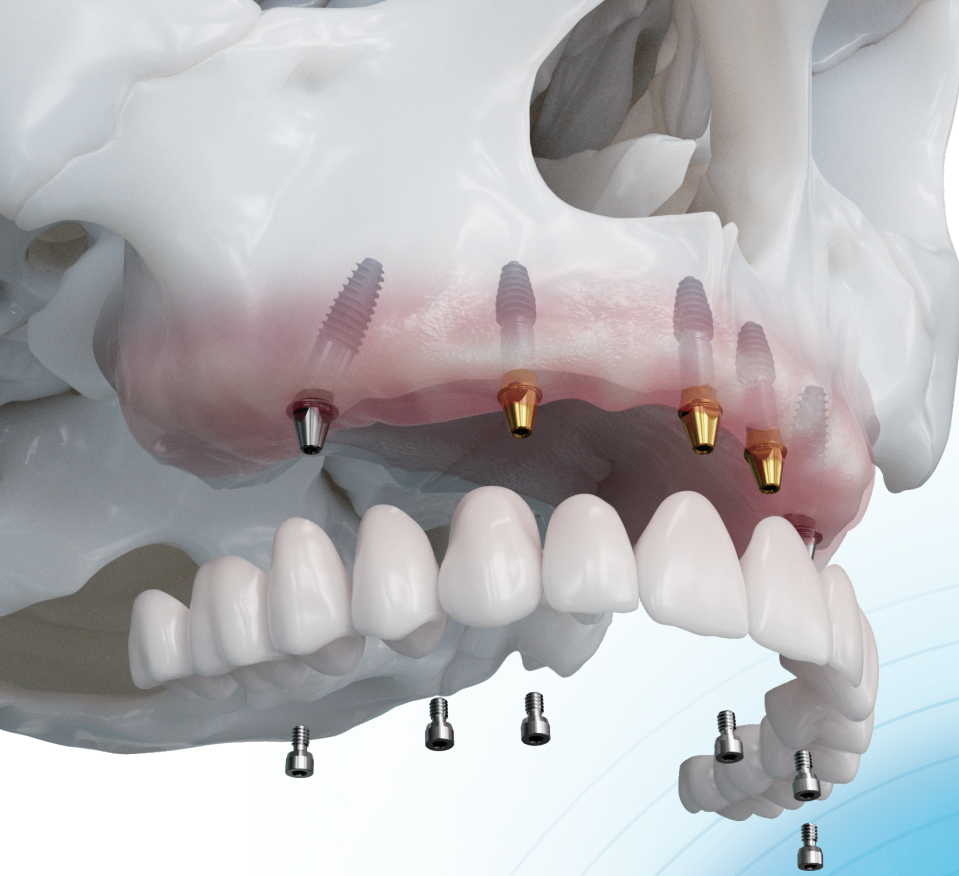


**R2i5**  
by MEGA'GEN

## Born for **Full-Mouth Solution**

Wider  
-  
Deeper  
-  
Simpler



**R2i5**  
by MEGA'GEN

## Evolved for Full-Mouth Prosthetics.

- AI-powered faster scan speed
- 16 x 14mm wider field of view
- 25mm deeper scan depth

With faster scan speeds, an expanded field of view for accurate full-mouth scanning, and increased depth to capture hidden subgingival margins, R2i5 has been upgraded with even more powerful capabilities.

“Hello,  
R2playground,,



## Seamless Collaboration with the AXA Scan Bar for Full-Mouth Prosthetic Workflows

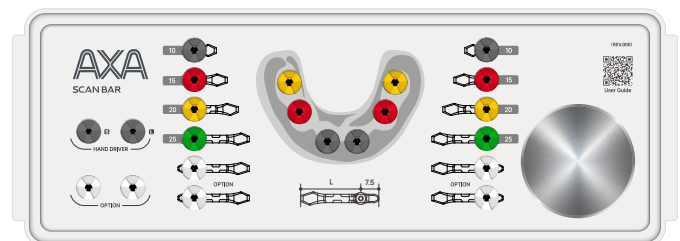
The wider 16 × 14 mm scan FOV allows the AXA scan bar for full-mouth prosthetics to be captured in a single pass, even when scan heads are naturally clustered.

This reduces unnecessary rescanning, enabling faster acquisition of precise scan data and supporting highly accurate edentulous prosthetics.

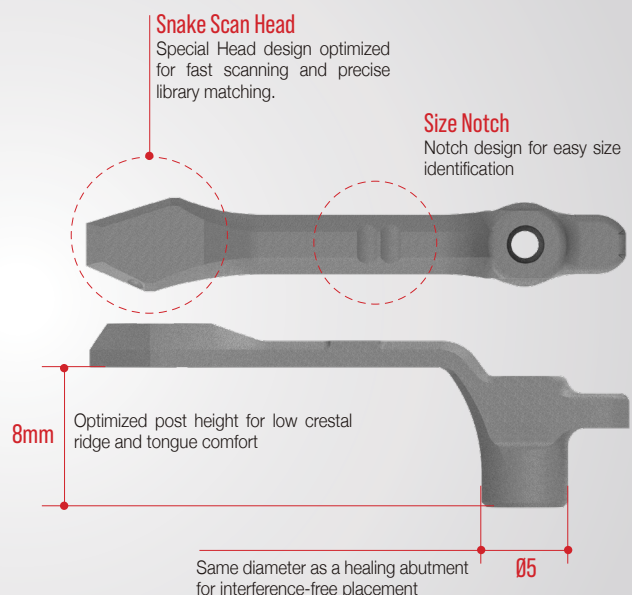
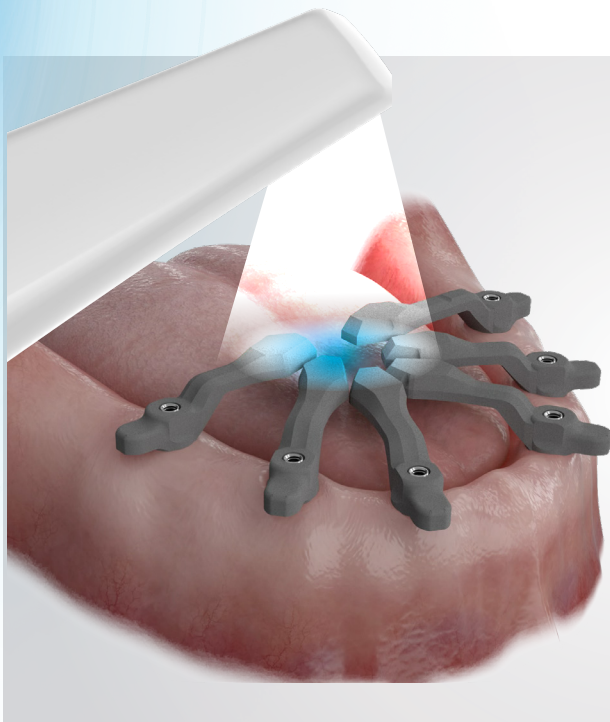
### AXA Scan Bar

The AXA Scan Bar Kit is specifically designed for full-mouth prosthetic fabrication using an intraoral scanner. Its snake head design enables fast scanning and precise matching, while the diameter—identical to that of a healing abutment—minimizes gingival interference during intraoral placement. In addition, the scan bar features increased post height optimized for deeply placed implants, making it ideal for edentulous full-mouth prosthetic scanning.

Now, even in full-mouth cases, passive-fit prosthetics can be achieved entirely through intraoral scanning.



- Simplified edentulous scanning with R2i5 and the AXA Scan Bar.
- Using AXA, cementless screw-retained prosthetics with reliable passive fit
- Edentulous prosthetics, made easy.



# R2i5

by MEGA<sup>1</sup>GEN

## Making Excellence Even Better

### Convenient NEXT button

Move to the next step instantly during scanning—without any computer operation.

### One click scanning

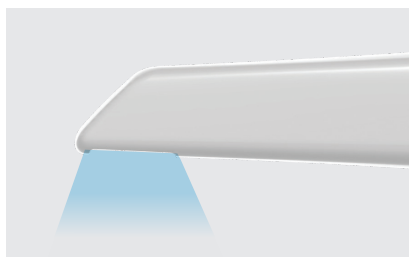
Start scanning instantly with just one click.

### Motion Gesture

Rotate and review scan data instantly with a single click—without interrupting the scan.

### 16 X 14mm Wider Field Of View

A wider 16 × 14 mm FOV and AI-powered scanning deliver faster scan speeds. The expanded scan range allows natural, uninterrupted scanning from anterior to posterior, while AI filtering enables full-mouth scans to be completed in under 60 seconds.



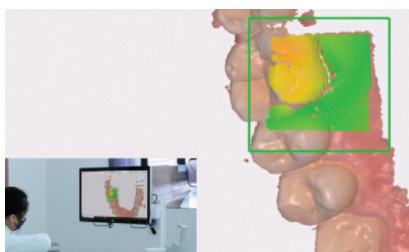
### 25mm Deeper Depth

With twice the scan depth, R2i5 delivers uninterrupted scanning across a wide range of clinical conditions—including subgingival margins on natural teeth, cavities, deeply placed implants, and posterior molar regions. This ensures a smooth and reliable scanning experience in virtually any clinical scenario.



### 160g Ultra-Light Weight

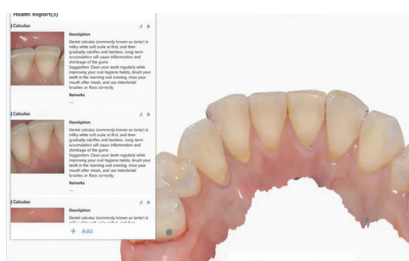
Featuring a streamlined design and a reduced net weight of just 160 g, the handpiece offers excellent balance and handling. Its ergonomic, hand-held design enables more comfortable, simple, and precise operation.



### AI Fast Scan

The AI function integrated into the software automatically removes soft-tissue artifacts and disregards the presence of the tongue and cheeks.

As a result, the R2i3 AI algorithm significantly shortens scan time, enabling full-arch scans to be completed in under 60 seconds.



### AI lesion detection

The deep learning AI algorithm can accurately identify and locate lesions, capturing high-definition images for the patient's oral health report automatically.



### AI Metal Scan

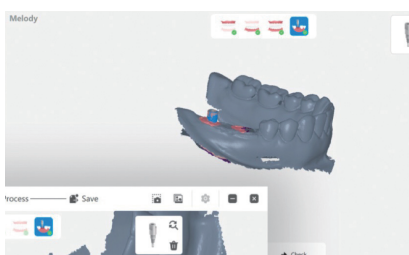
The optimized metal scanning function makes it easier to scan patients with metal crowns, metal bridges, metal inlays, & amalgam fillings to obtain accurate intraoral data.



### 3D True Color

The color reproduction is more realistic, which is especially important for chairside dentist-patient communication based on a 3D model.

All dental caries, plaque, wedges, and other details can be clearly seen by the patient, improving the efficiency of doctor-patient communication.



### AI matching

The enhanced AI functionality also provides greater convenience in the implant scan mode. When scanning an abutment, it is automatically matched it with the registered library to streamline the process.

The AI automatic matching feature also enhances the precision of implant prosthetics.



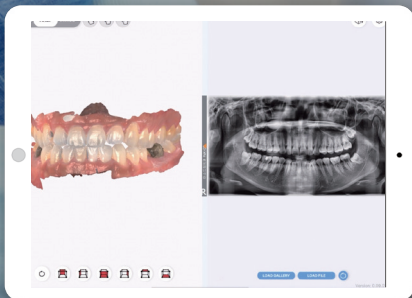
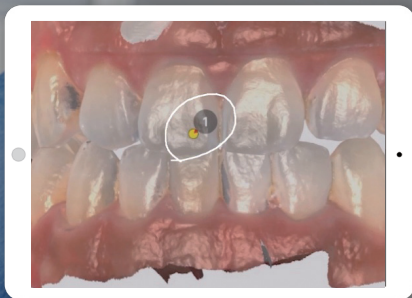
### **No USB R2 Cloud multi-sharing**

No need for USB or complex network settings to transfer scan data. All R2i3 data is securely uploaded to the R2 Cloud and can be easily sent to any PC with the R2playground program or mobile device with CHI-TOK.

# CHI-TOK



## Seeing is believing to build more TRUST



### Easy consultations anytime, anywhere

The scanned data acquired by R2i3 is automatically stored in the R2Cloud, facilitating data sharing on any PC with the R2playground program. This data can also be easily accessed for chairside consultation using CHI-TOK.

### Multi-view & added notes

Along with the scanned data and images, radiographic images can also be included for better diagnosis and patient consultations, plus CHI-TOK includes a hand-drawing tool for adding comments.

### Build patient trust with Chi-TOK Report

All scan data and consultation results can be easily sent to the patient's mobile device, enabling them to share the consultation details with their family. This sharing process helps increase patient trust and speeds up treatment consent.





R2Guide & ONE-DAY temporary



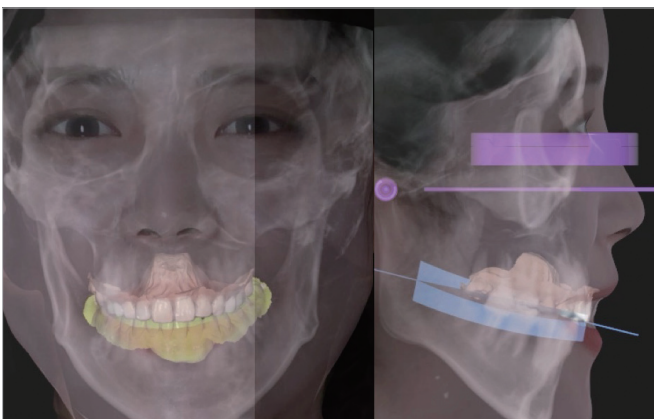
Customized abutment



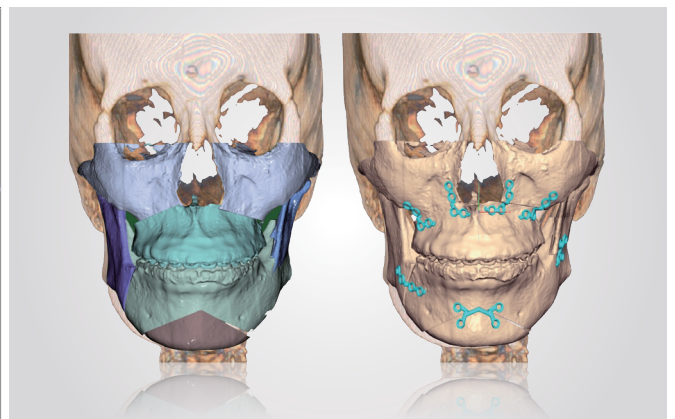
Crown & bridge



Implant bar & bridge



Dental avatar & DOD design



FaceGIDE



Meg aligner



Hybrid jaw reconstruction

# Empowering Digital Dentistry in Clinics



## R2i5 Specifications

|                     |                          |                                                                                                                |
|---------------------|--------------------------|----------------------------------------------------------------------------------------------------------------|
| Handpiece           | Dimension (L x W x H)    | 243 × 40 × 32mm                                                                                                |
|                     | Weight                   | 160g                                                                                                           |
| Tip                 | Standard tip size        | 115 × 21 × 16mm                                                                                                |
|                     | Mini tip size            | 115 × 17 × 13mm                                                                                                |
|                     | Scan area (Standard)     | 16 × 14mm                                                                                                      |
|                     | Scan area (Mini)         | 12 × 10mm                                                                                                      |
|                     | Depth of field           | 0-25mm                                                                                                         |
|                     | Autoclavable             | Up to 100 times<br>Autoclavable 121°C 16mins<br>Autoclavable 134°C 4 mins                                      |
| Accuracy            | Crown                    | <10µm                                                                                                          |
|                     | Full arch                | <20µm                                                                                                          |
| Scan Speed          | Single arch              | 30 s                                                                                                           |
|                     | Full arch with occlusion | 60 s                                                                                                           |
| Calibration         |                          | Calibration free(Optional)                                                                                     |
| Output              |                          | STL, OBJ, PLY (True Color)                                                                                     |
| Connectivity        |                          | Type - C                                                                                                       |
| Multilingual System |                          | Chinese, English, French, Spanish, Russian, Portuguese, Italian, Greek, Polish, Romanian, Japanese and Korean. |

*Lighter, Faster, Smarter:  
Redefining Your Daily Intraoral Scanning*

MegaGen is true to implantology  
So MegaGen never stops..

“Hello,  
R2playground,,



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