

Lab Scanner



Overview

In-office dental lab scanners enable dentists to digitally capture highly precise 360° scans. Advanced scanning technology quickly creates highly-accurate 3D digital models of prostheses, dentures, or models without the need for traditional impression materials or flasking. Implementing in-office lab scanning increases workflow efficiency, and reduces material waste compared to conventional techniques.

The goal of the **Lab Scanner** workflow is to capture records for a Printed Try-In.

PREREQUISITES

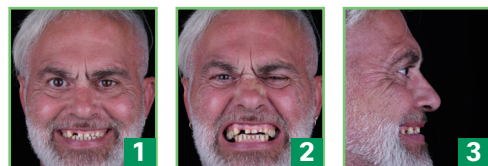
- ☐ Patient must have existing prosthesis

TECHNOLOGY & MATERIALS

- ☐ In-office lab scanner
- ☐ Intraoral scanner
- ☐ Scan analogs

PHOTOGRAPHS

- ☐ Full-face full-smile
- ☐ Full-face exaggerated smile
- ☐ *Optional:* Full-face profile smile



QUICK REFERENCE

Patient comfort level	★★★★★
Technology cost	\$\$\$\$\$
Patient appt's to final	3-4
Workflow simplicity	★★★★★
Allocation of effort (Dr - Staff - Lab)	5% - 65% - 30%
Overall cost (Lab + Parts + Chairside)	\$\$\$\$\$

Lab Scanner Workflow

1. Take the following photos with the patient standing up:

- Full-face full-smile
- Full-face exaggerated smile
- *Optional:* Full-face profile smile



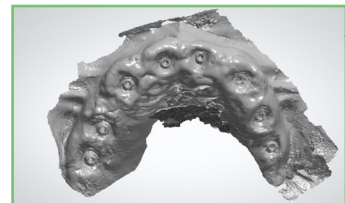
2. Remove the patient's prosthesis. Seat the iJIG scan analogs, or approved MUA analogs, passively onto each of the temporary cylinders of the prosthesis.



3. Perform a 360° scan of the prosthesis in the lab scanner. Remove the scan analogs from the prosthesis.

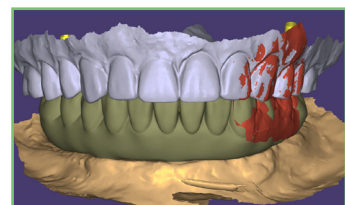


4. Scan the tissue and MUAs with your IOS.



5. Re-seat the prosthesis. Capture the following IOS scans:

- Opposing
- Bite



6. Upload all scans to ROE Dental Laboratory.

Next, ROE will fabricate or provide in-office printing files for the Printed Try-In. The Printed Try-In is a 3D-printed prototype of the final prosthesis. See page 58 for more details.



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