



Digi-Dentures
Scanning Practise Kit

Digi-Denture Scanning Kit Workflows

This kit was designed to help clinicians hone their impression scanning skills for prosthetics cases before proceeding with live patients. For best results, these techniques should be used when prescribing Digi-Dentures.

The four included workflows and accompanying models cover the vast majority of case types and are designed to work with all intraoral scanners.

Partial With Stable Bite



1.1 Upper Model
Partially Dentulous



1.2 Lower Model
Partially Dentulous

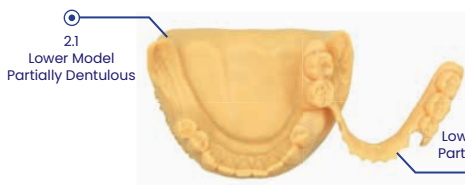
- 1 Scan upper & lower arches, making sure to include full palate & sulcus.
- 2 Scan the patient's bite directly (no denture in place).
- 3 Send all scans to lab requesting a Digi-Denture.

Partial Without Stable Bite



2.2
Upper Model
Partially Dentulous

2.3
Upper Existing
Partial Denture



2.1
Lower Model
Partially Dentulous

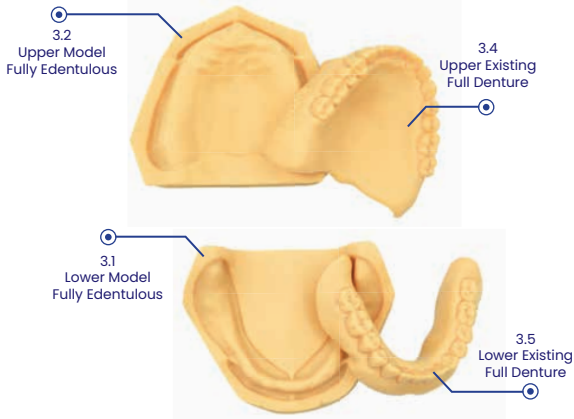
2.4
Lower Existing
Partial Denture

- 1 Scan upper & lower arches, making sure to include full palate & sulcus.
- 2 Scan the existing denture outside the mouth (reline beforehand if necessary).
- 3 Scan relevant arch with denture in situ.
- 4 Scan the patient's bite directly (no denture in place).
- 5 Send all scans to lab requesting a Digi-Denture.

View Instructional Video

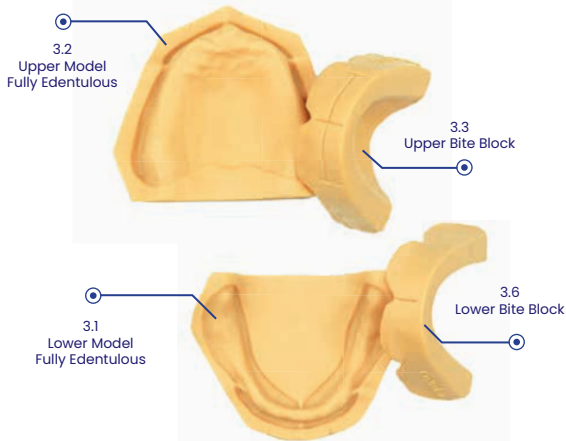


Fully Edentulous With Existing Denture



- 1 Reline dentures if necessary.
- 2 Scan dentures fully outside of the mouth.
- 3 Scan soft tissue upper & lower.
- 4 Scan the bite with dentures in situ.
- 5 Send all scans to lab requesting Digi-Dentures.

Fully Edentulous With No Existing Denture



- 1 Scan soft tissue upper & lower, send to lab requesting bite block.
- 2 Proceed as usual with bite block stage (marking lip line, centre & canines).
- 3 Scan bite blocks fully outside of the mouth.
- 4 Scan soft tissue upper & lower.
- 5 Scan the bite blocks in situ.
- 6 Send all scans to lab requesting Digi-Dentures.

Denture Scanning - Tips & Pathways

Pre-Scan Checklist

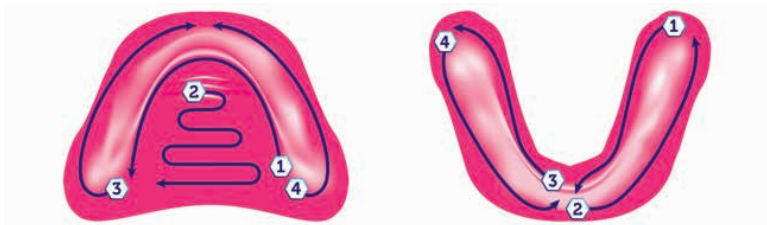
- Clean & connect the scanner head
- Main impression scan - Patient in reclined position
- Bite registration scan - Patient sitting upright
- Use soft tissue retraction as needed
(particularly recommended for edentulous patients)
- Create case on the IOS system and include all case details & notes

General Scanning Tips

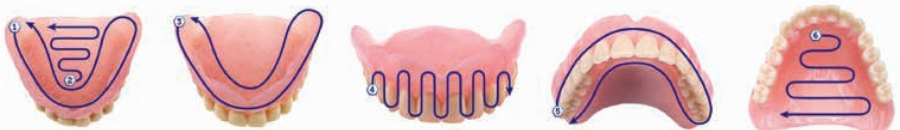
- Move the scanner smoothly and continuously.
- Make sure each image capture frame overlaps the last one.
- Check as you go and at the end for stitching errors and data holes, rescanning affected areas as needed.
- When scanning partially edentulous cases, the key focus should be on a seamless capture of the patient's remaining dentition and the saddle area. Ensure all teeth are captured first before moving to the edentulous residual ridge.

Fully Edentulous Scanning Pathways

Based on 3Shape guidelines



Scanning An Existing Denture



If you have any feedback or questions for our team, we'd love to hear from you.
Please contact us on info@costech.co.uk