



Digital Dentures

Copy Denture Workflow

Appointment 1

- Evaluate the patient and existing prosthesis
- Border mold using VPS material
- Wash impression using VPS material
- Capture the plane of occlusion, lip support, vertical, and central incisor length
- Record measurement - "width on curve" or distance from distal-distal of canines and the midline
- Capture the bite registration
- Scan the bite registration and impression surfaces

Appointment 2

- Insert and evaluate the printed try-in
- Evaluate the vertical, occlusion, midline, tooth length and record adjustments as needed
- Evaluate the fit – take a wash impression if necessary
- Capture the try-in bite registration
- Scan the adjusted try-in denture (including intaglio)
- Notate criteria for re-printing the try-in denture or printing the final denture:
 - If changes exceed 4mm, reprint the try-in with the new adjustments
 - If changes are 4mm or less, print the final denture

Appointment 3

- Insert and evaluate the final denture
- Verify the fit, vertical, occlusion, midline, and tooth length

Laboratory STEP 1

Design and print the try-in denture



Laboratory STEP 2

Design and fabricate the final digital denture

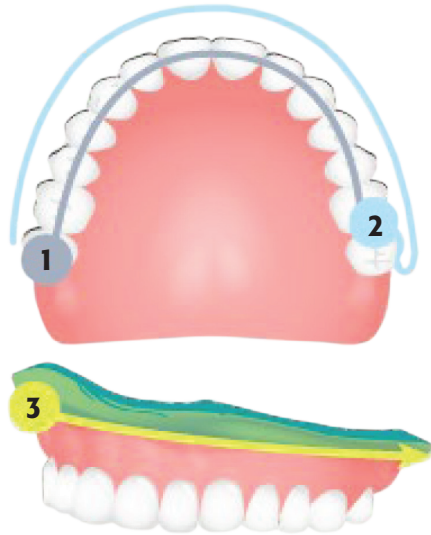


Scan to watch a
Copy Denture
Workflow tutorial.



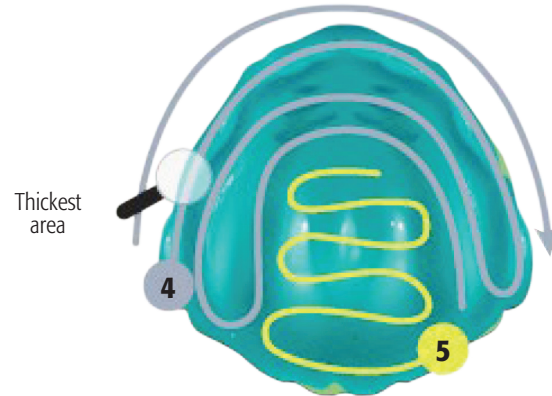
Scanning Tips: Extraoral Copy Denture Scan Strategy

Upper Jaw



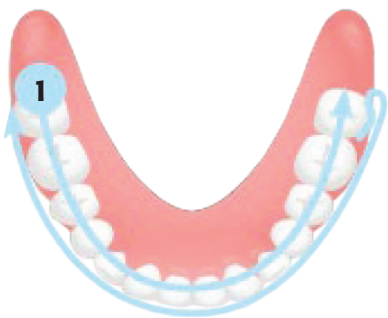
- 1 Start scanning on the occlusal buccal surface of a molar and guide the scanner around the entire arch.
- 2 Tilt the scanner approx. 60° in buccal direction and guide it around the entire arch
- 3 Continue the scan along the buccal borders and circle back around the full arch to capture all the border areas

Upper Jaw Intaglio



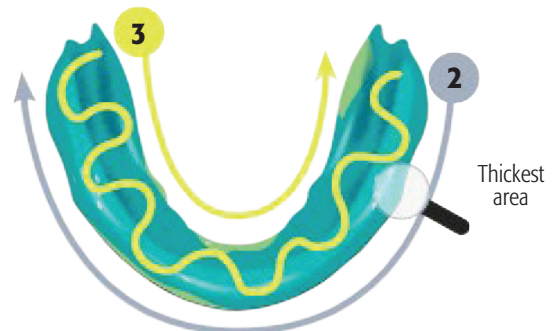
- 4 Identify the thickest area of the buccal border. Begin to capture the intaglio by rolling over the thickest area into the intaglio surface and scan along the intaglio ridge with long swipes.
- 5 Extend the scan to the entire intaglio surface by acquiring it with zig-zag swipes

Lower Jaw



- 2 Start scanning on the occlusal buccal surface of a molar and guide the scanner around the entire arch.
Tilt the scanner approx. 60° in buccal direction and guide the scanner around the entire arch.
Extend the scan to the buccal borders and circle back across the full arch to capture all border areas.

Lower Jaw Intaglio



- 2 Identify the thickness area of the buccal border. Begin to capture the intaglio by rolling over the thickest area into the intaglio surface and scan along the intaglio ridge area with a long swipe
- 3 Extend the scan to the entire intaglio surface and borders by acquiring the intaglio surface with zig-zag swipes.