

Planmeca ProMax® Classic

3D Tooth with Scout

Step 1 - Setting up the Software and Imaging Unit

- Remove 2D temple supports and insert 3D head support system.
- Open Romexis, then open or create a patient. If adding a new patient, select Save after entering patient data. Under Next Steps, choose Go to 3D Imaging then select 3D Capture.
- On the touchscreen select 3D Dental, then Tooth.
- Select Target Area.
- Press Lower, Upper or Both.
- Press Forward ► to continue.
- Select the patient size and resolution. Enable **ULD** and **CALM**, as needed and if available.
- Select Scout to capture a preview of the image.

Step 2 - Patient Positioning

- Have the patient remove glasses, jewelry, all removable appliances and hair accessories.
- Have the patient stand tall as possible, hold handles and walk close to the unit.
- Adjust height of unit until the chin rest is even with the patient's chin.
- Instruct the patient to bite on the bite stick and visually verify the anterior teeth are in the grooves. (Patient may also be positioned using the chin cup. The chin cup will keep the patient in occlusion. Use cotton rolls to open occlusion if needed.)
- Lower the bite stick so the patient's chin is resting on the chin rest. Verify the cervical spine is stretched by gently lifting up on the back of the patient's head.
- Raise or lower the unit until the posterior occlusal table is parallel to floor.
- Lower and tighten 3D head support securely.
- Align the mid-sagittal laser to the **dental** midline by moving the chin left or right.
- Press 90° to check shoulder clearance. Verify the Volume Center Laser is over the region of interest.

Step 3 - Exposure

- Press Forward ► to take Scout exposure.
- Hold down the exposure button until audible noise stops and until both scout images appear on capture computer.
- Once the scout image appears on capture computer, verify the area of interest is displayed on left of computer screen.
- To move image anterior (A) or posterior (P), move arrows on the touchpad up to 10mm.
- To select a different area of interest, go back to the target option on the touchpad.
- When the area of interest has been captured in the Scout image, select Volume on the touchpad.
- Press Forward ► to continue.
- Instruct the patient to remain still and breathe through nose.
- Hold down the exposure button until audible noises cease.

