



Qlone Dental Pro - Instructions for use

Requirements:

- Minimum recommended device is an iPhone 12. While iPads work, they are not recommended since the quality of the cameras on iPhones is significantly better.
- Adequate and uniform lighting in the scanning space.
- Uniform background which doesn't include cluttered images or details.
- Good, fast and stable internet connection - WiFi recommended.

Before scanning:

- The patient should smile exaggeratedly and constantly during scanning.
- It is optionally recommend that the patient bite a separator/ejector in the posterior sectors for stability or use a retractor.
- Open the Qlone Dental Pro app and tap the + to start a new scan.
- Make sure the light bulb at the top is green. If it is not green, adjust the position of the phone or change the lighting. If you tap the light bulb, the light level will be displayed in lux (it should be above 150lx)
- Avoid backlighting or strong side lights and prefer natural light near a window.
- The dentist stands in front of the patient, positioning the device approximately 30cm away. The patient's face should occupy the entire screen of the device.

Scanning sequence:

- Start the capture with the record button while facing the from top the patient.
- Lateral movement - move from the center to the left until you are in a perpendicular position (in front of the ear).
- Return to the center.
- Go to the right until you are in a perpendicular position (in front of the ear)
- Always keep the same distance.
- Then from the right perpendicular position, start a half moon movement from right to left, with the device at a lower angle,. Capturing the jaw, jowls and neck.
- Complete the reverse half moon from left to right, now from a higher angle, capturing the forehead and top of head.
- Optional - if frames are available (less than 60) bring the device closer to the mouth and capture close up teeth images manually by tapping on the screen.
- When completed, press Process to create the 3D model.

Tips for optimal scanning:

- Maintain fluid and constant movement
- Always keep the same distance between the device and the patient
- Avoid sudden changes in light during the capture.
- Ask the patient not to move and focus their gaze at the same spot in front of them.

Export:

You can export in OBJ, PLY and STL. The OBJ and PLY also consist the color information but its stored in a ZIP file so make sure to first unzip it before you import into exocad or any other dental CAD software.