

# inEos X5 Records Scanning software 16.1



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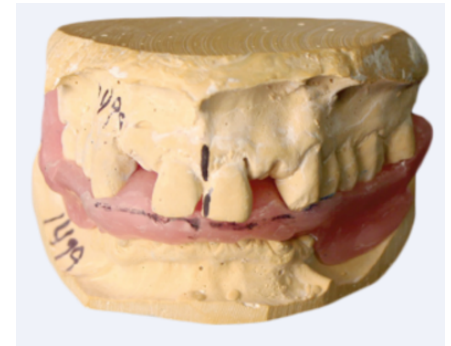
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# Records Scanning

This scan method can be used for scanning Wagner Try-ins Reference Dentures, and Wax Rims.



Scanning for an Immediate begins on slide 27



## Note on Wax Rim Records

- If using wax occlusal rims from a thermal plastic base (vacuum formed) follow this workflow but also perform the “Impression Scan” workflow to provide scans of the final impressions from custom trays.
- If using a stabilized base (ex. Triad Light Cured Denture Material) please ask the clinician to use VLC baseplates as custom trays by taking a wash final impression. This wash impression must be accomplished after maxillary and mandibular relationship record (VDO/CR) is established.
- A light or extra light body impression material should be used for the wash. Clinician must verify that Vertical Dimension of Occlusion has not been increased during this clinical process.

# Starting a Scan

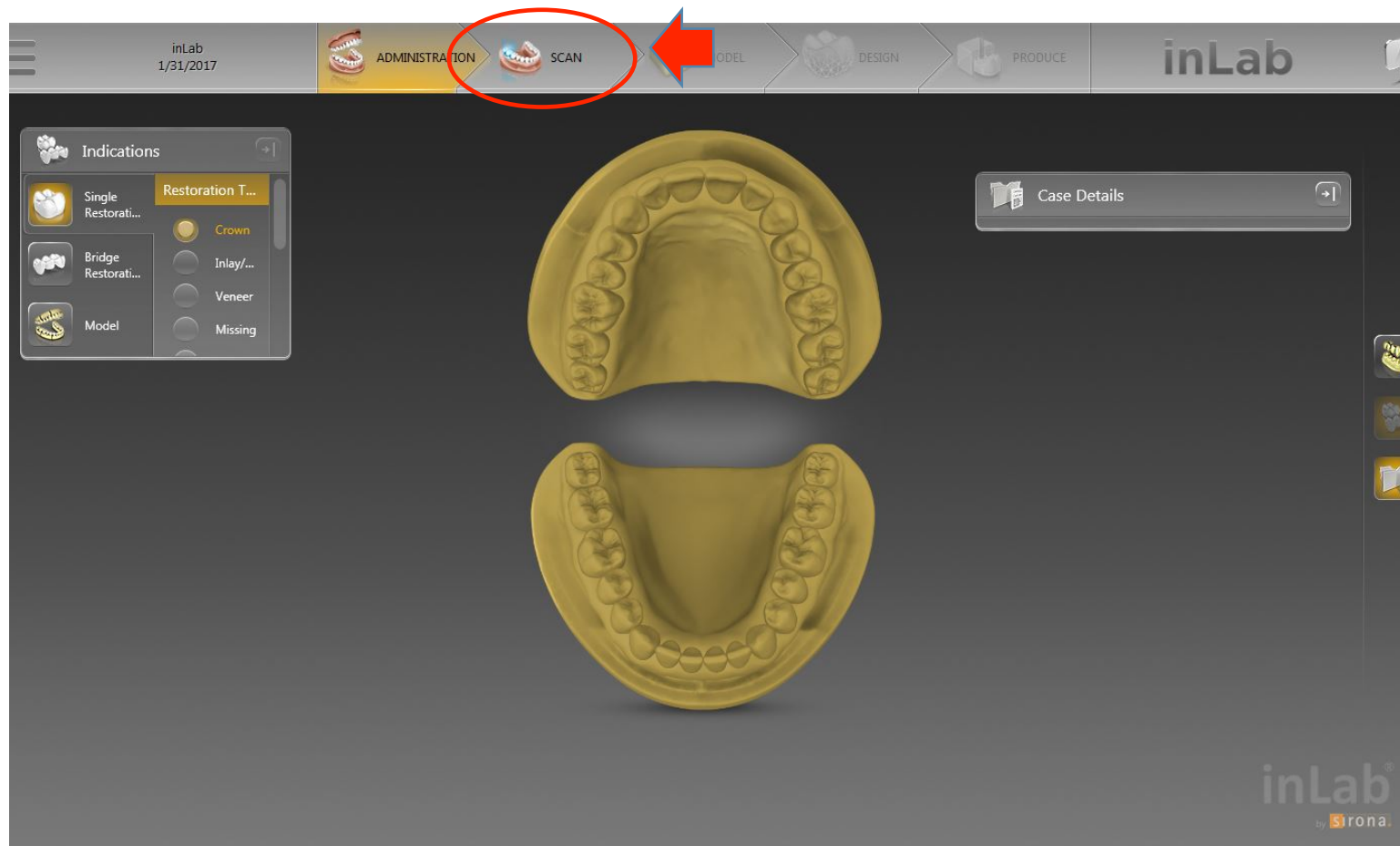
To begin scanning records,  
Click “Add New Case”.

The screenshot shows the inLab software interface. At the top, there is a navigation bar with icons for ADMINISTRATION, SCAN, MODEL, DESIGN, and PRODUCE. Below this is a main workspace divided into three sections: Order, Case, and Preview. The Order section contains a search bar and an 'Add New Order' button. The Case section contains a table of dental cases with columns for Dentist, Patient, Ordernumber, Technician, Date, Name, and Scan Date. A red box highlights the 'Add New Case' button in the Case section, with a red arrow pointing to it from the text 'Add New Case'.

Dentist	Patient	Ordernumber	Technician	Date	Name	Scan Date
inLab	02933			7/8/2016	20160708-192928	
Wagner S	Avadent					
	Demo					
	stl test 2			7/8/2016	20160715-173936	
					20160718-142201	
					20160718-151842	
					20160719-141415	
					20160722-150944	
					20160727-151517	
					20160729-132913	
					20160802-191248	
					20160803-195316	

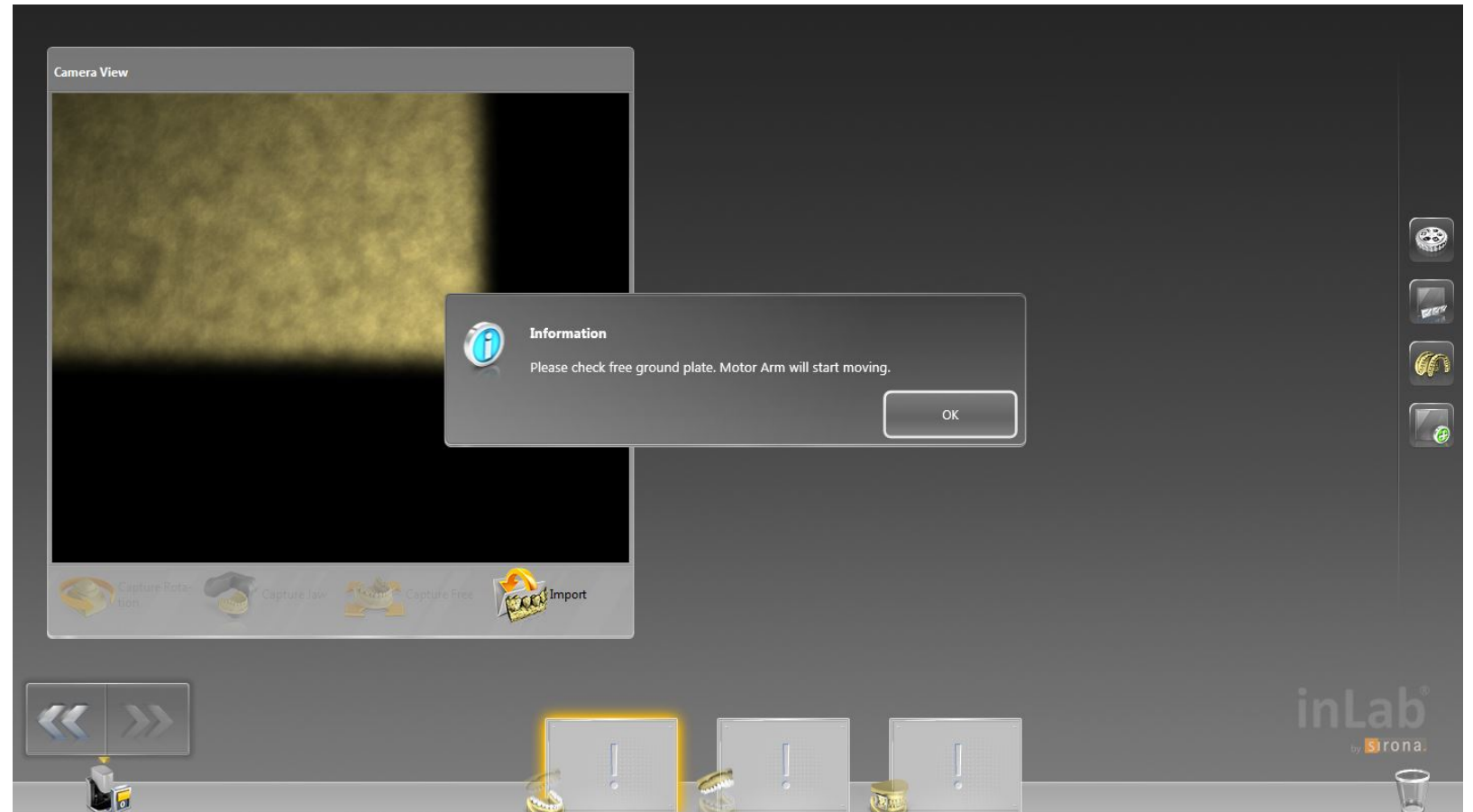
# Starting a Scan

Select Scan in top tool bar.

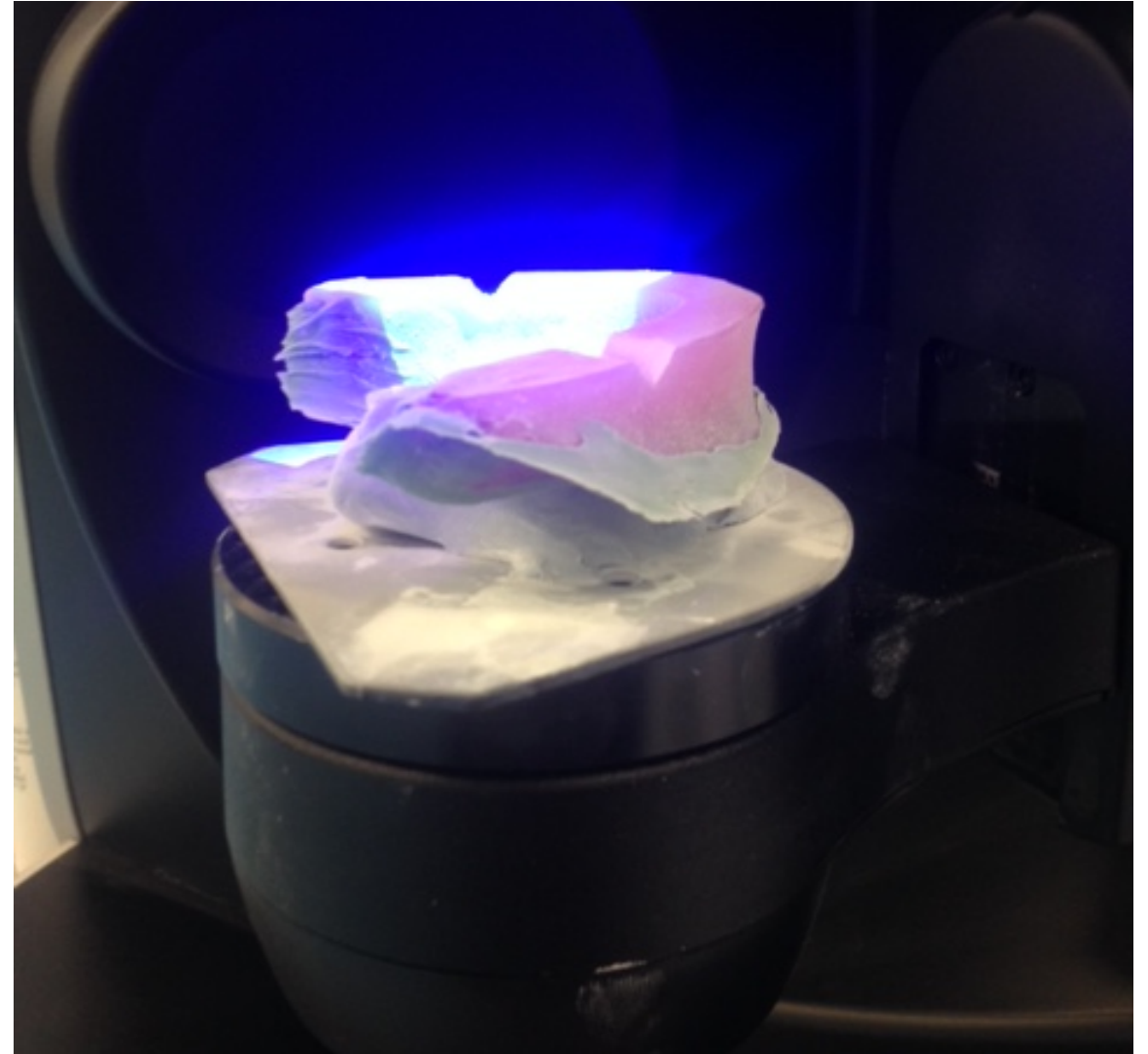


# Start the Scan

- Camera motor arm will start moving.
- Click “OK”.



Place lower arch with occlusal surface facing up on scanning plate. Cover the surface with a light dusting of Dentsply Sirona Scan Spray (#9995158).



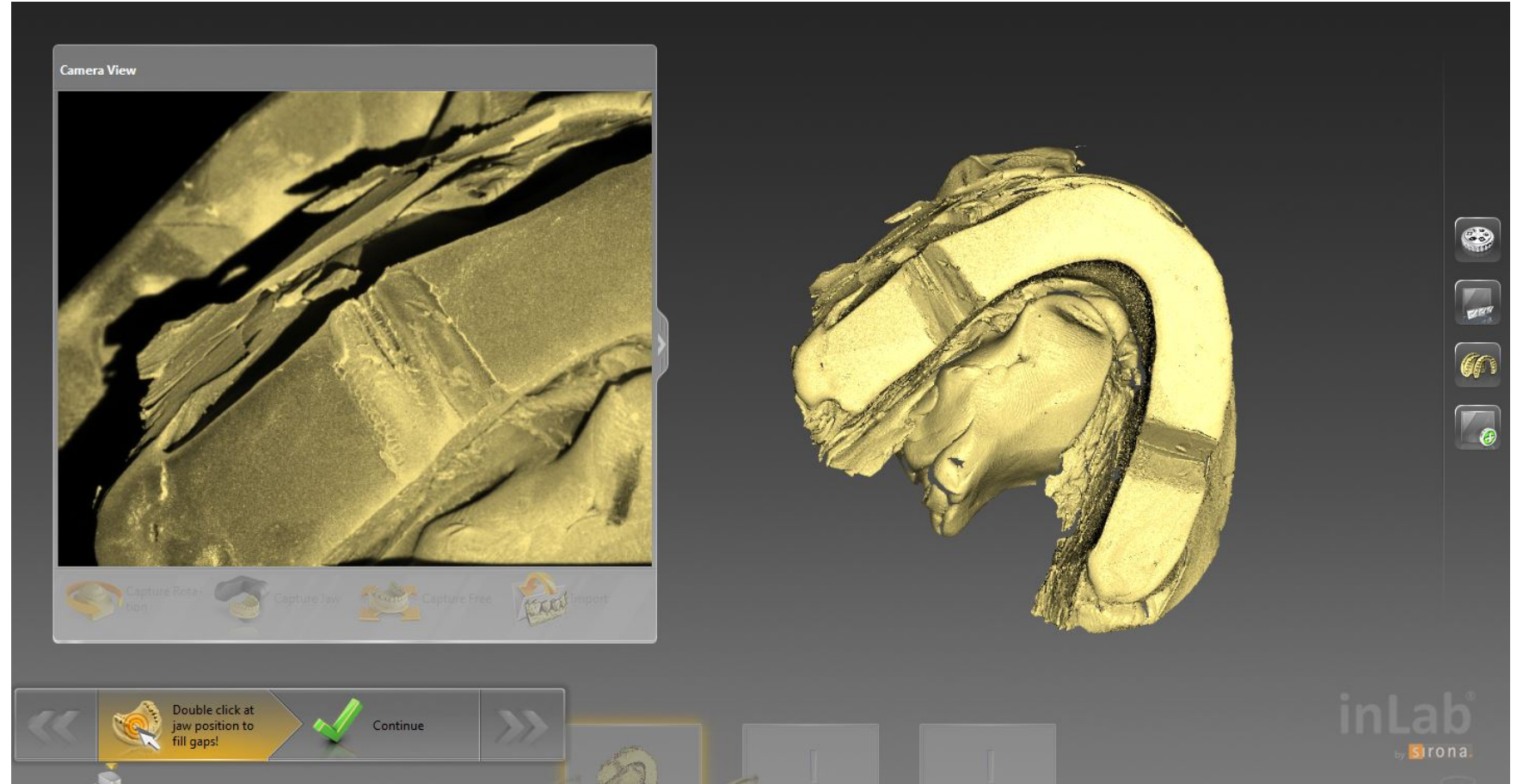


- Make sure that
  - “Capture Reduced”
  - “Single Exposure”
  - “Complete Reconstruction”are selected.
- Click “Start” to begin scan.

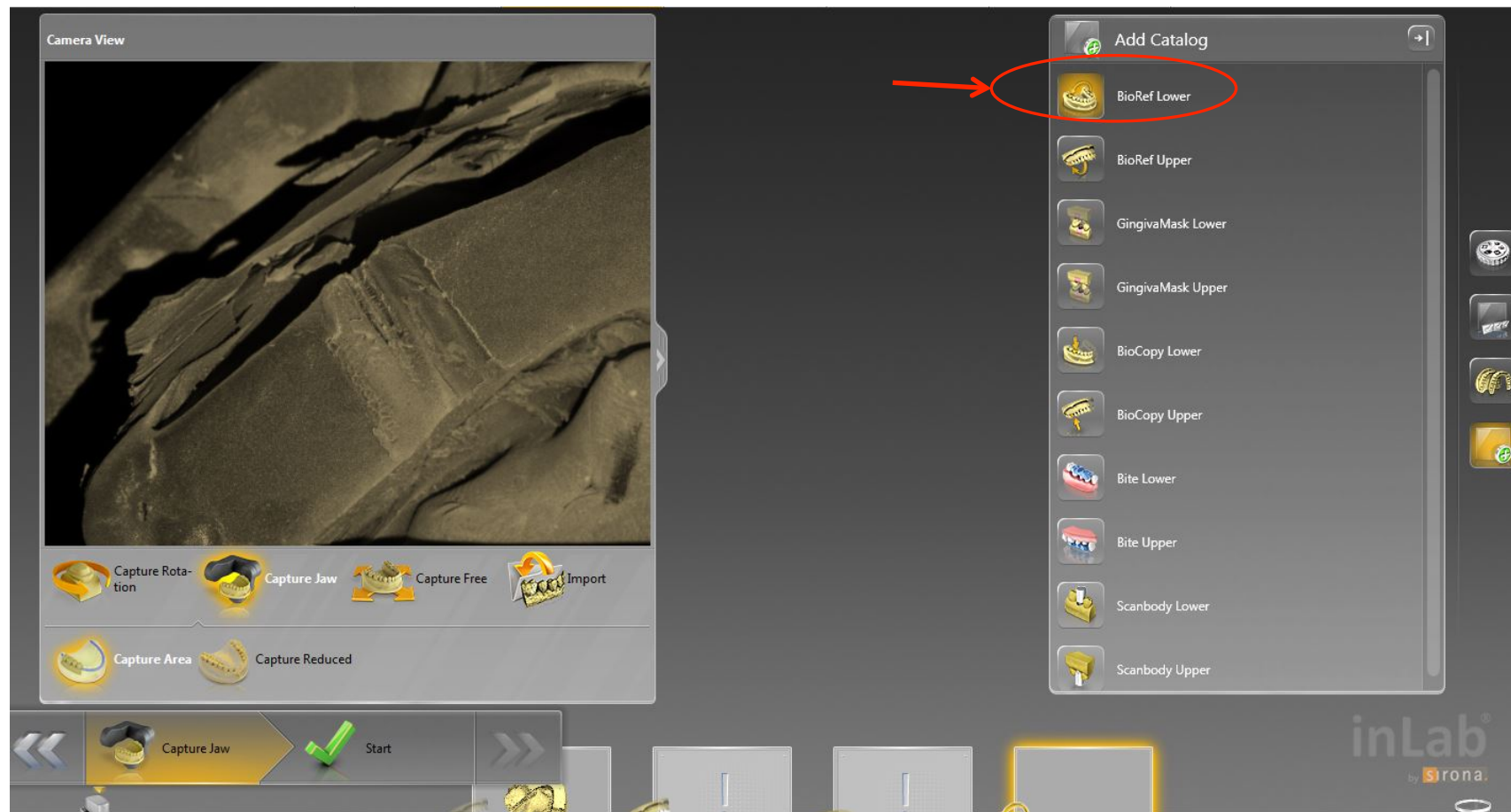




Once the scan has finished, double left click any areas that were not captured.  
Click “Continue” to go to next scan.



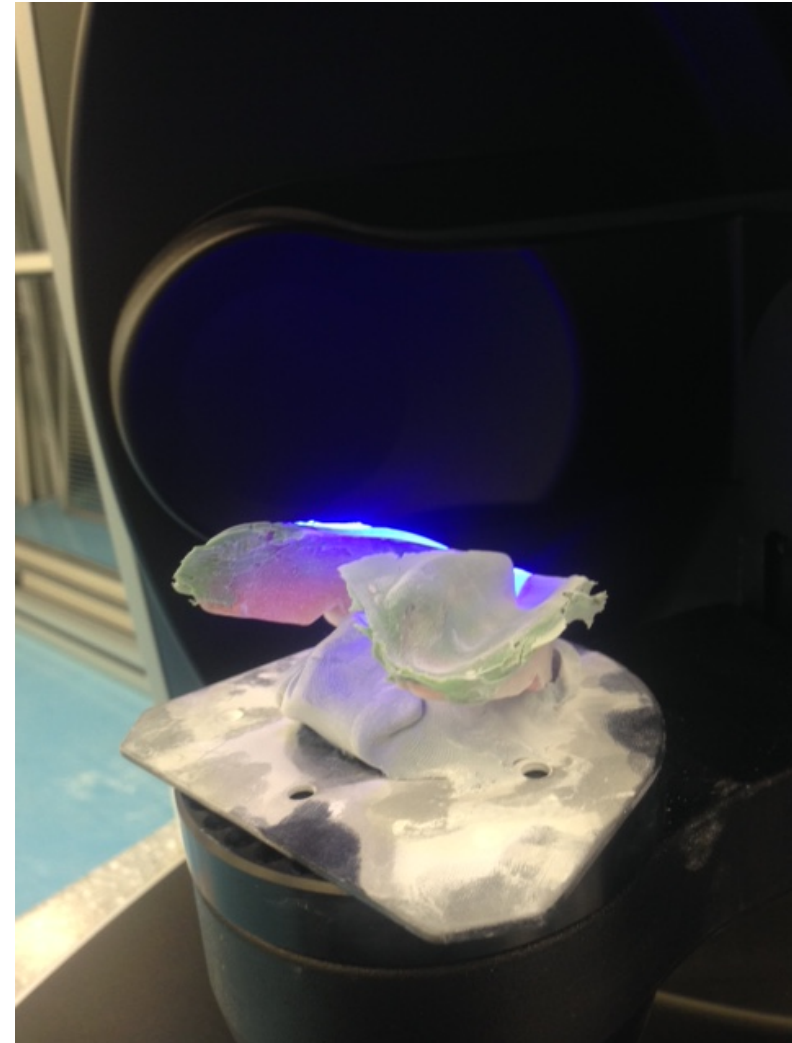
## Add “BioRef Lower” catalog



- Make sure that
  - “Reduced”,
  - “Single Exposure”,
  - and
  - “Complete Reconstruction” are selected.
- Click “Start” to begin scan.

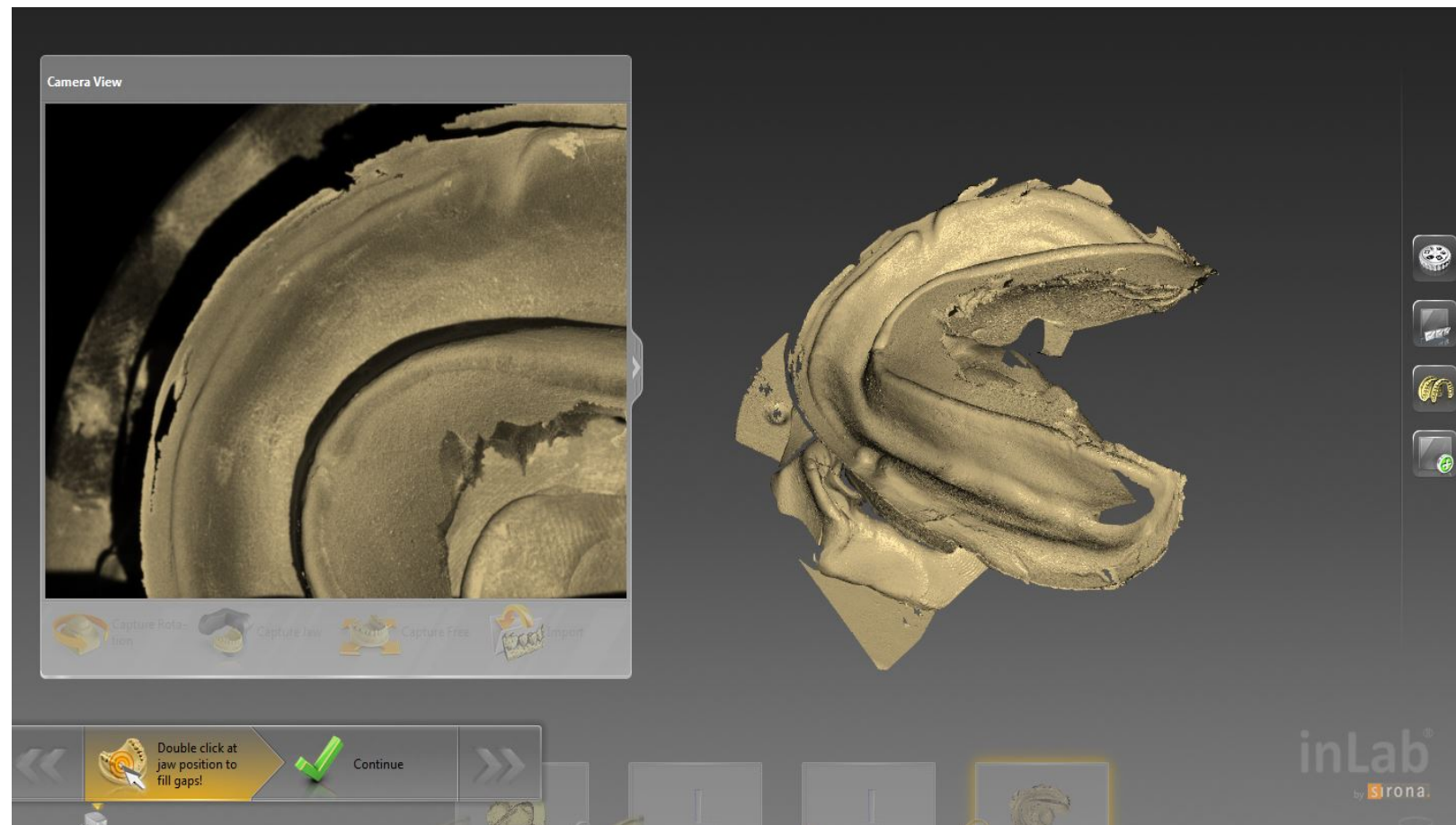


Flip the lower wax rim so that intaglio surface is facing up.

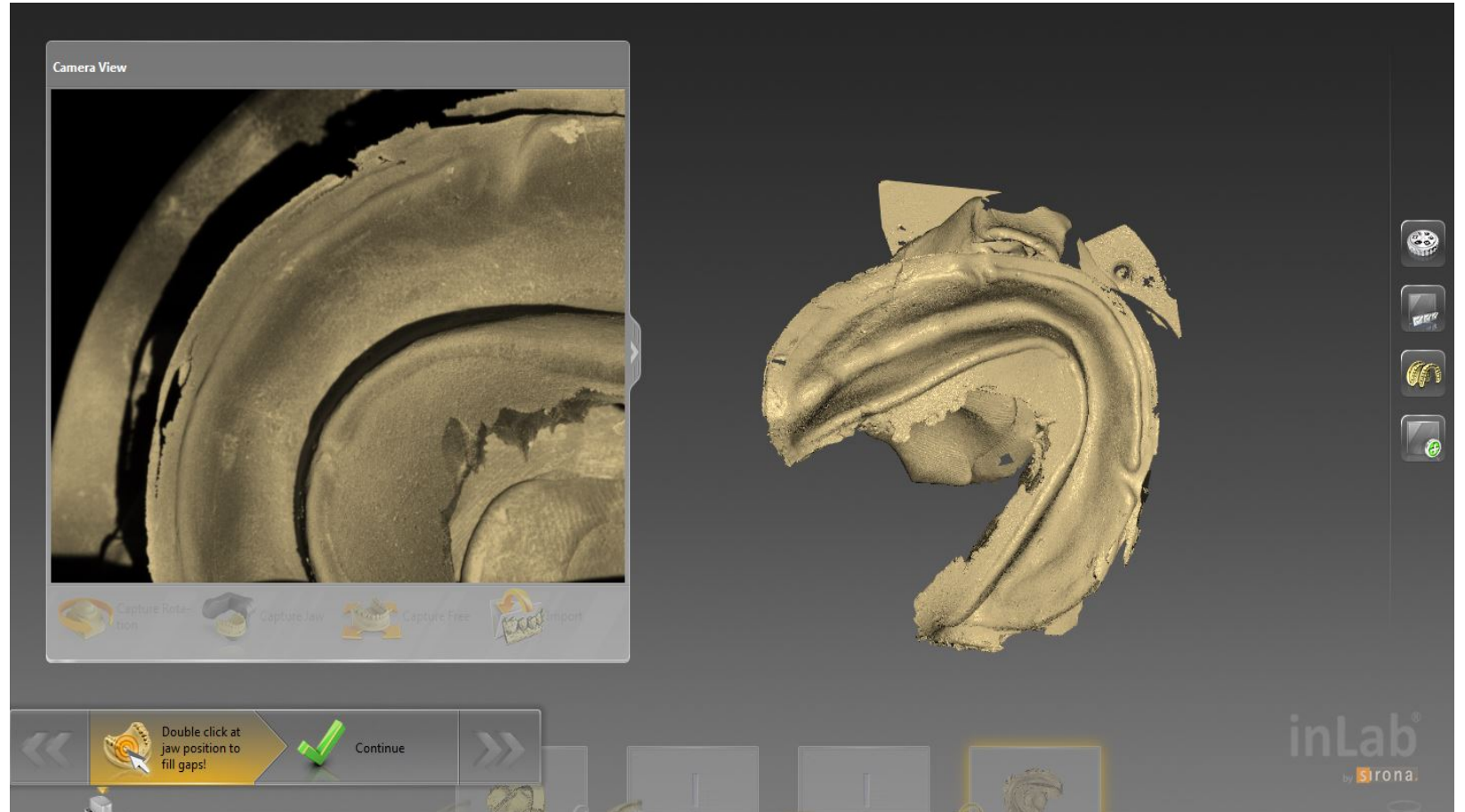




Once the scan has finished double left click any areas that were not captured.



Click “Continue” to go to next scan.

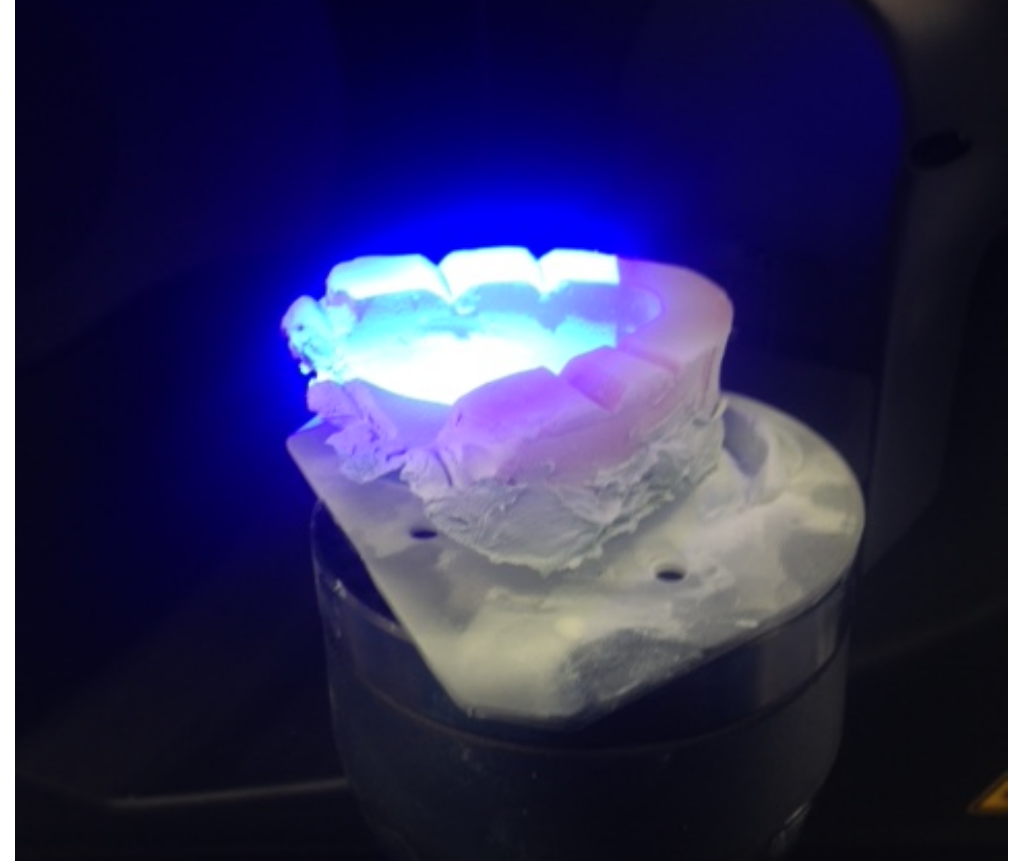




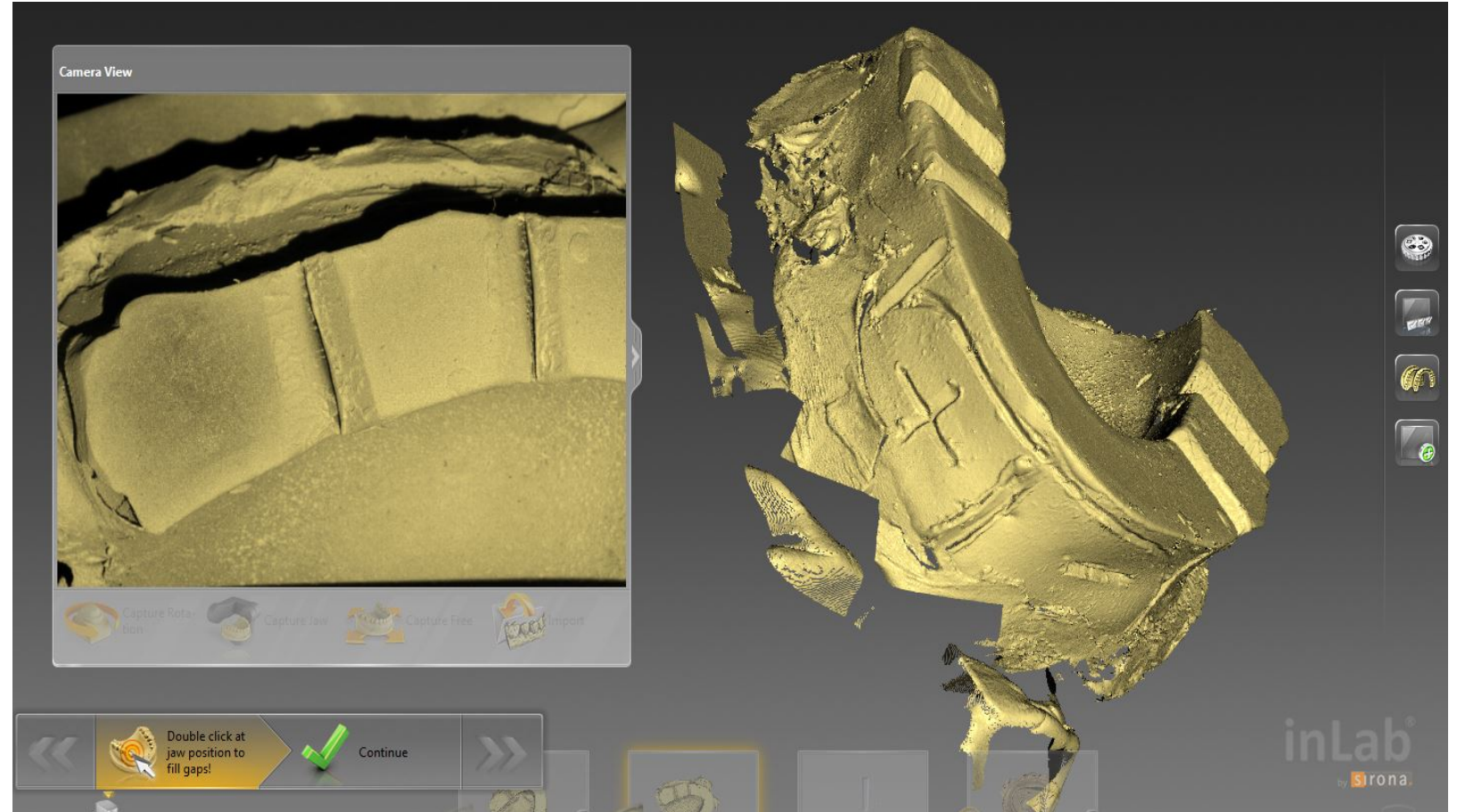
- Select the “Upper Jaw”.
- Make sure that
  - “Capture Reduced”,
  - “Single Exposure”,
  - “Complete Reconstruction” are selected.
- Click “Start” to begin scan.



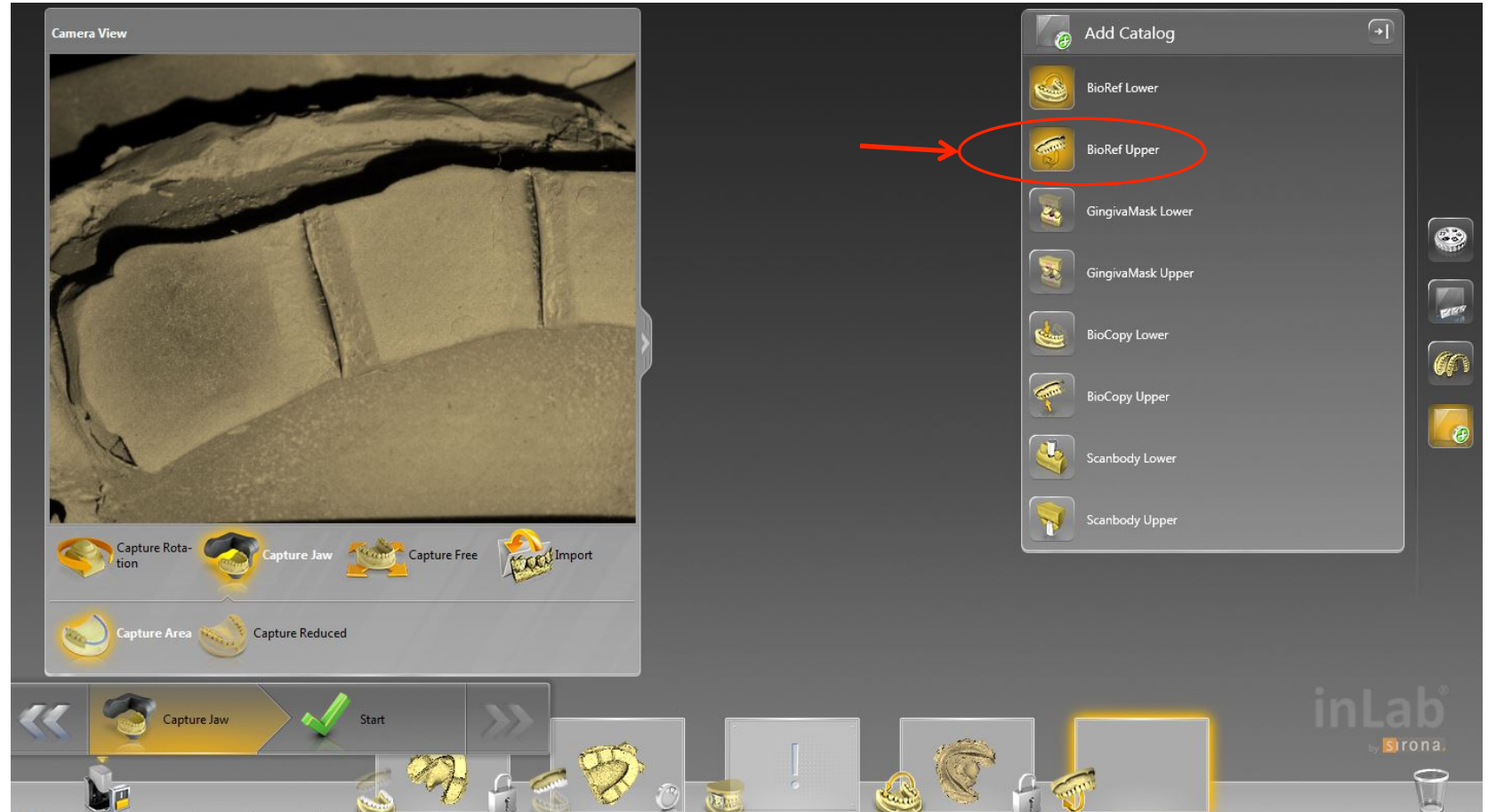
Place the upper impression on the scan plate,  
occlusal surface facing up.



- Once the scan has finished double left click any areas that were not captured.
- Click “Continue” to go to next scan.

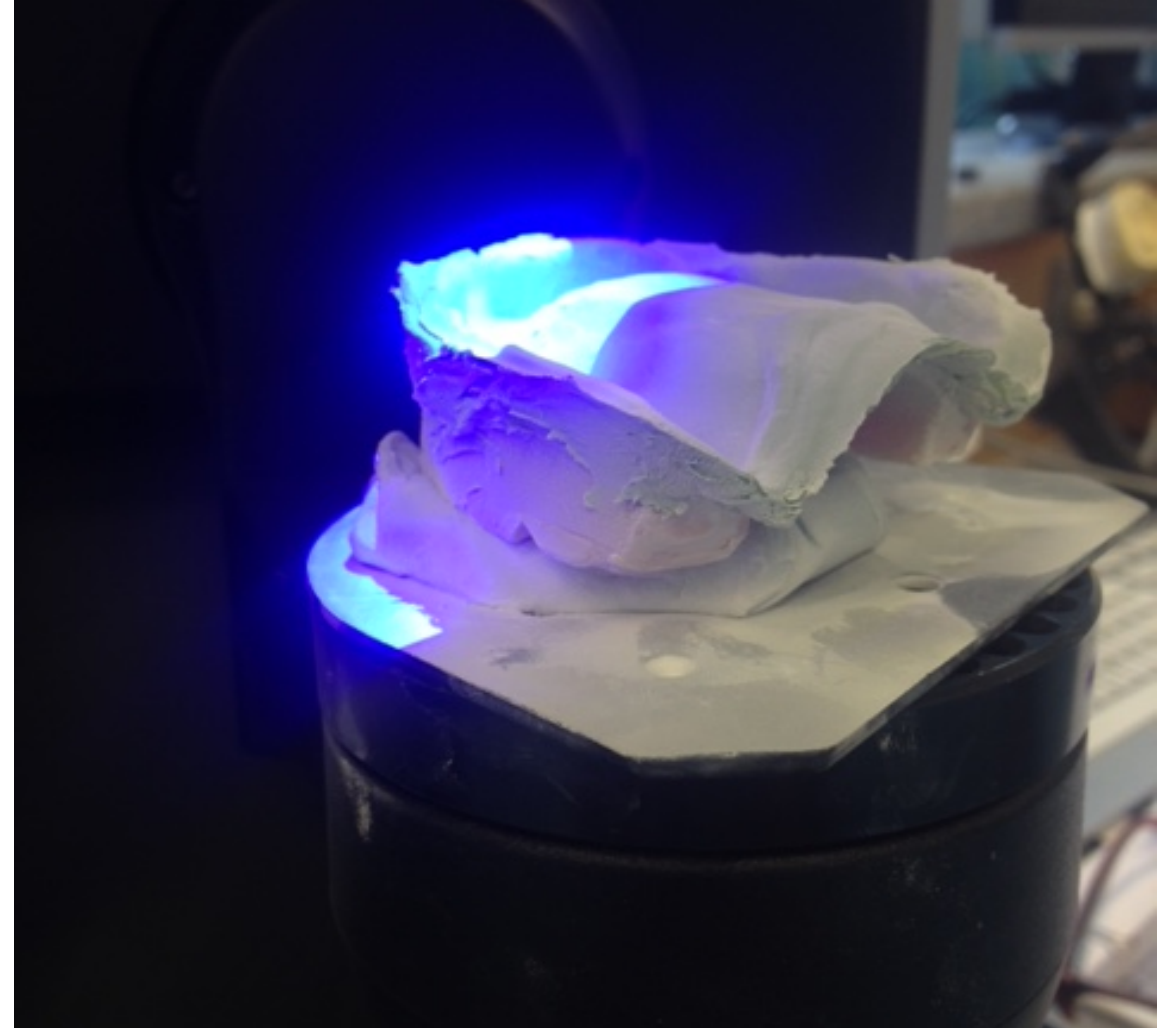


Add “BioRef Upper”  
catalog.





Flip the impression so that the intaglio surface is facing up.

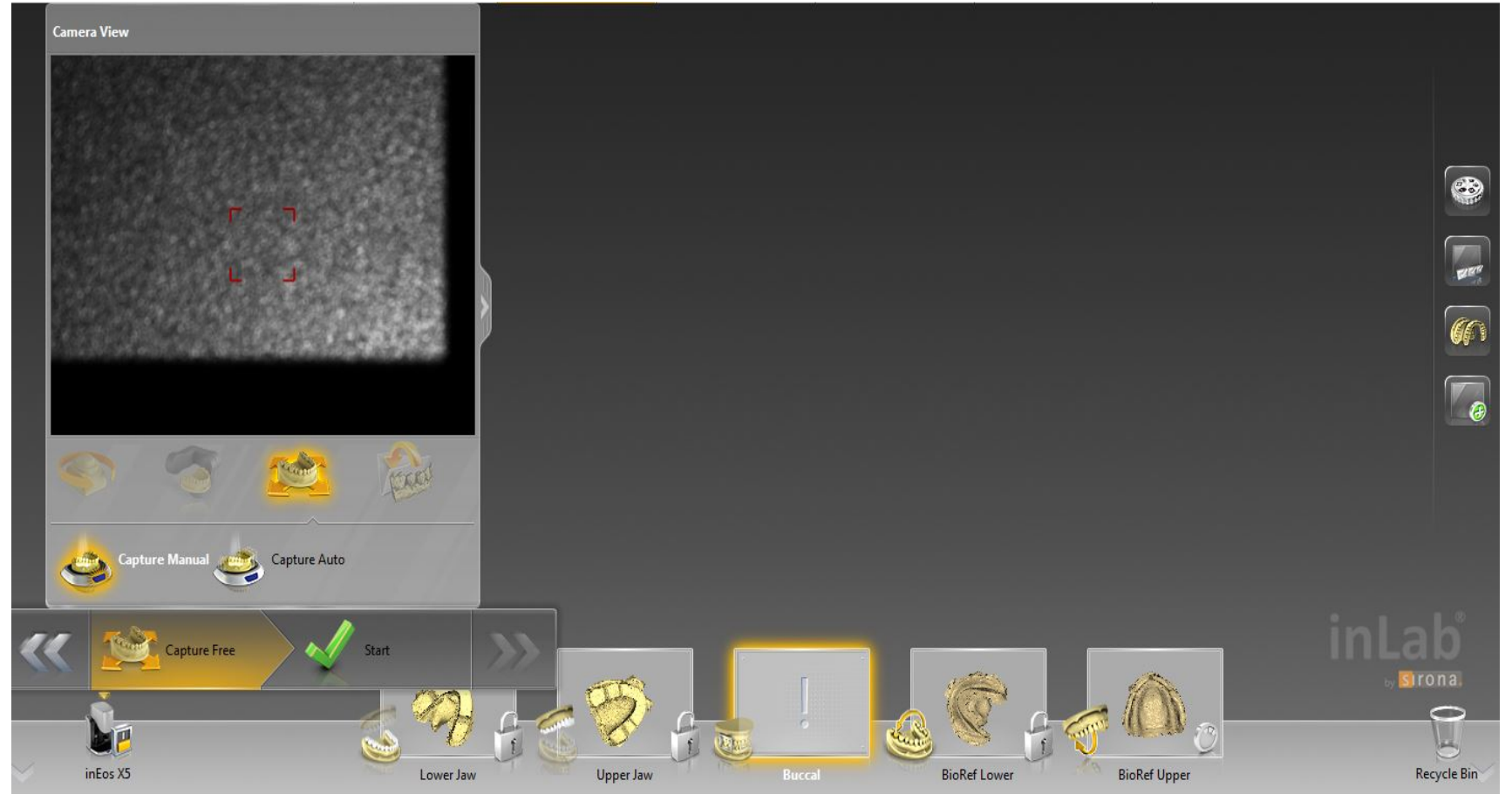


- Make sure that
  - “Capture Reduced”,
  - “Single Exposure”,
  - and
  - “Complete Reconstruction” are selected.
- Click “*Start*” to begin scan.





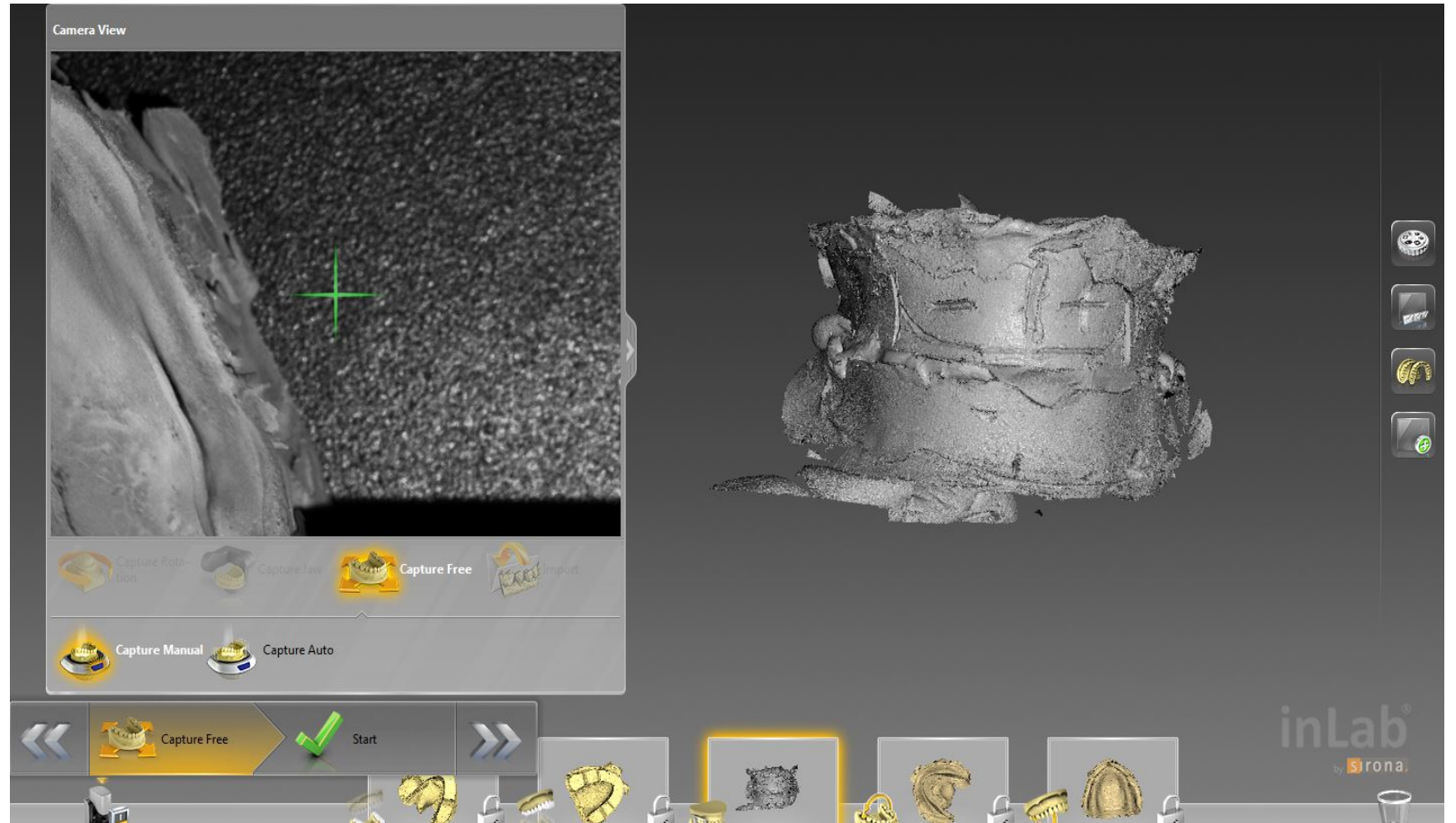
Select the “Buccal” scan. The scan plate will move to the side. The software will default to “Capture Manual”. Make sure “Single Exposure” is selected.



Place upper and lower arch together in registration. Make sure the anterior is clear of any bite registration material. Lightly cover the surface with Dentsply Sirona Scan Spray (#9995158).



Place arches in scan region and double click the button on the front of the scanner to take image. Once the scan has finished click “Next” to advance.



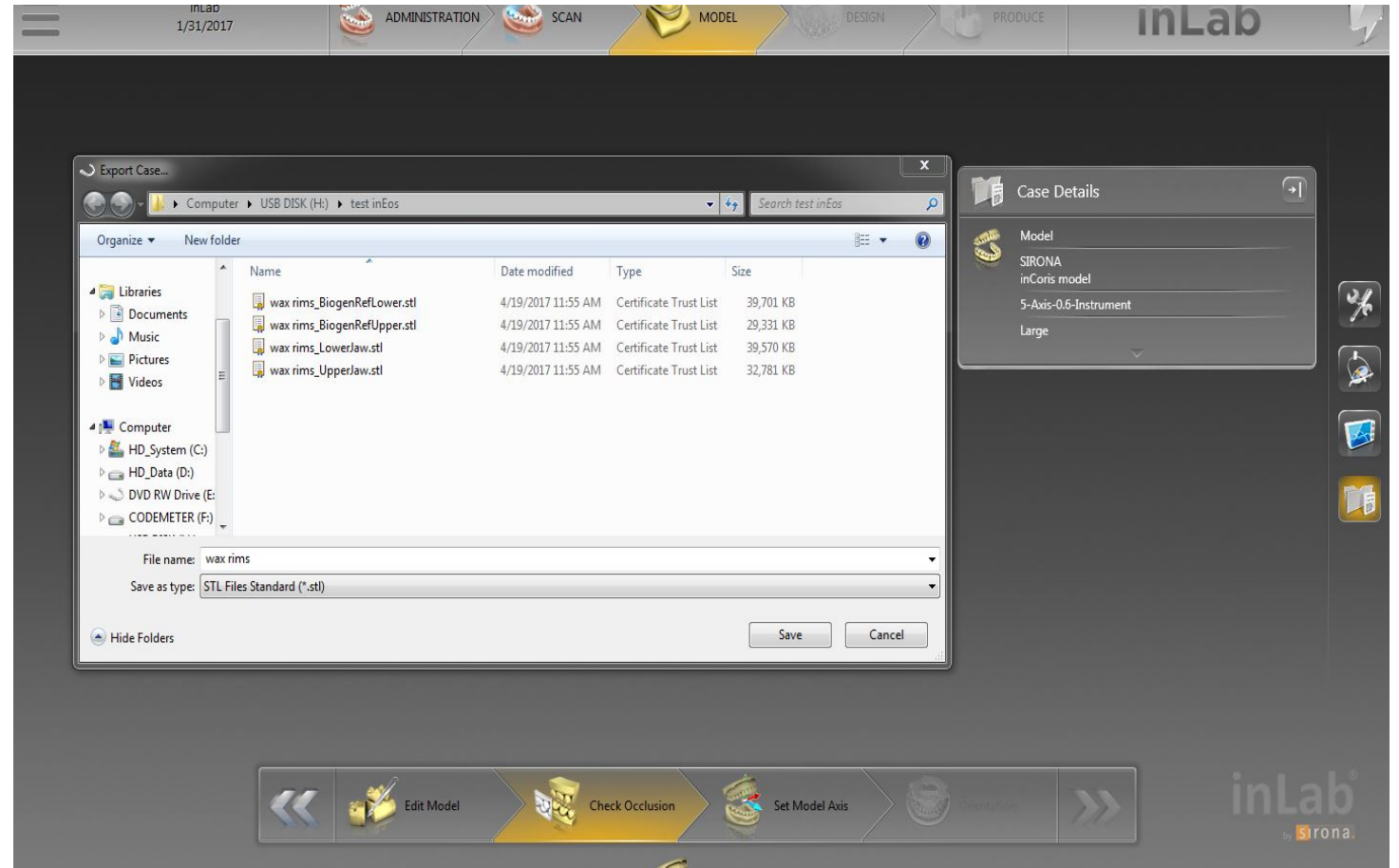
Bite registration should automatically register.  
If not a manual registration will need to be preformed.



- Once the registration is complete the scan data can now be exported.
- Click the menu bar to access the applications menu and select “Export”.



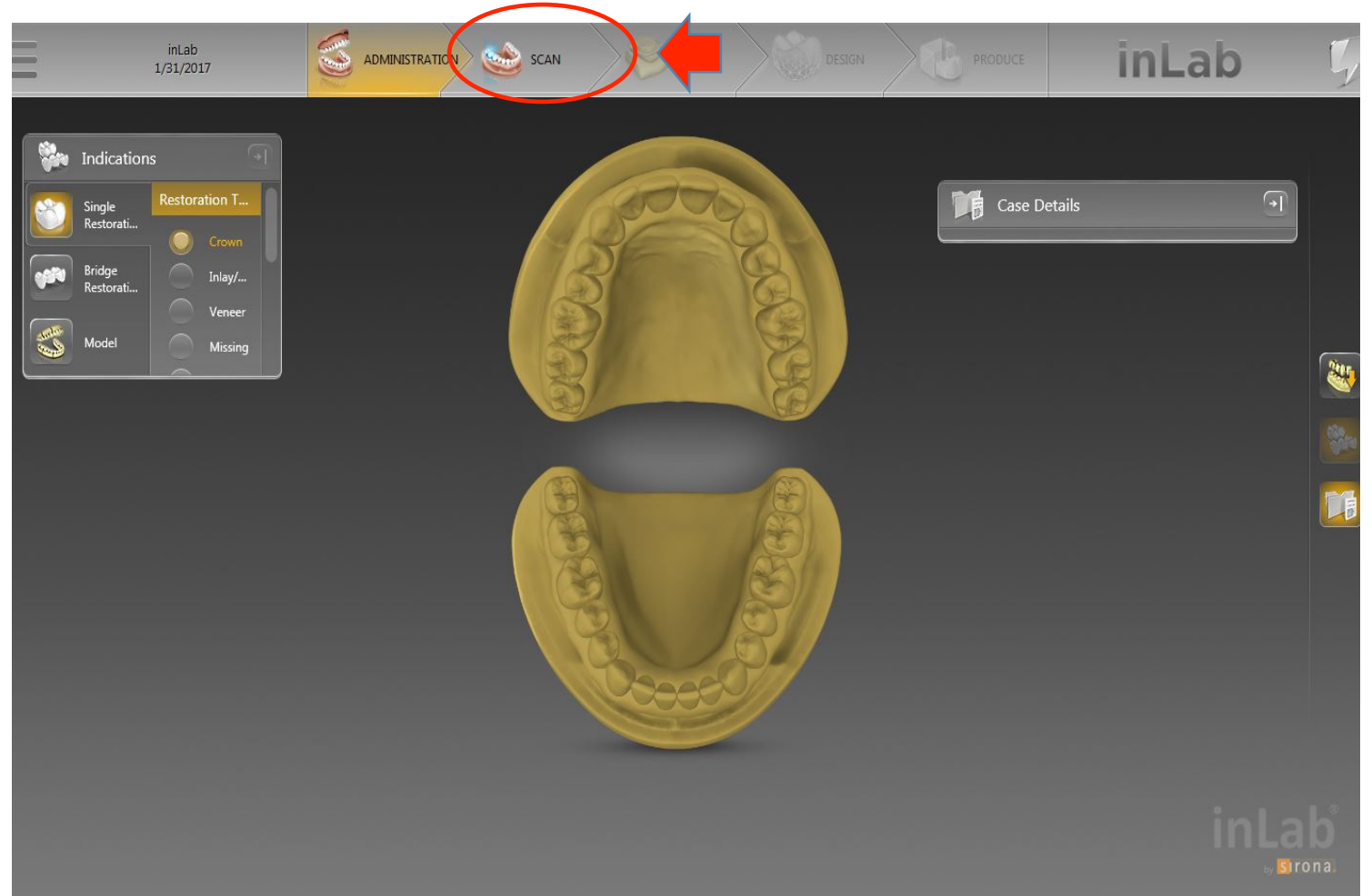
Choose the “STL files standard”





# Immediates

Select Scan in top tool bar.



- Make sure that
  - “Capture Reduced”,
  - “Single Exposure”, and
  - “Complete Reconstruction” are selected.
- Click “Start” to begin scan.



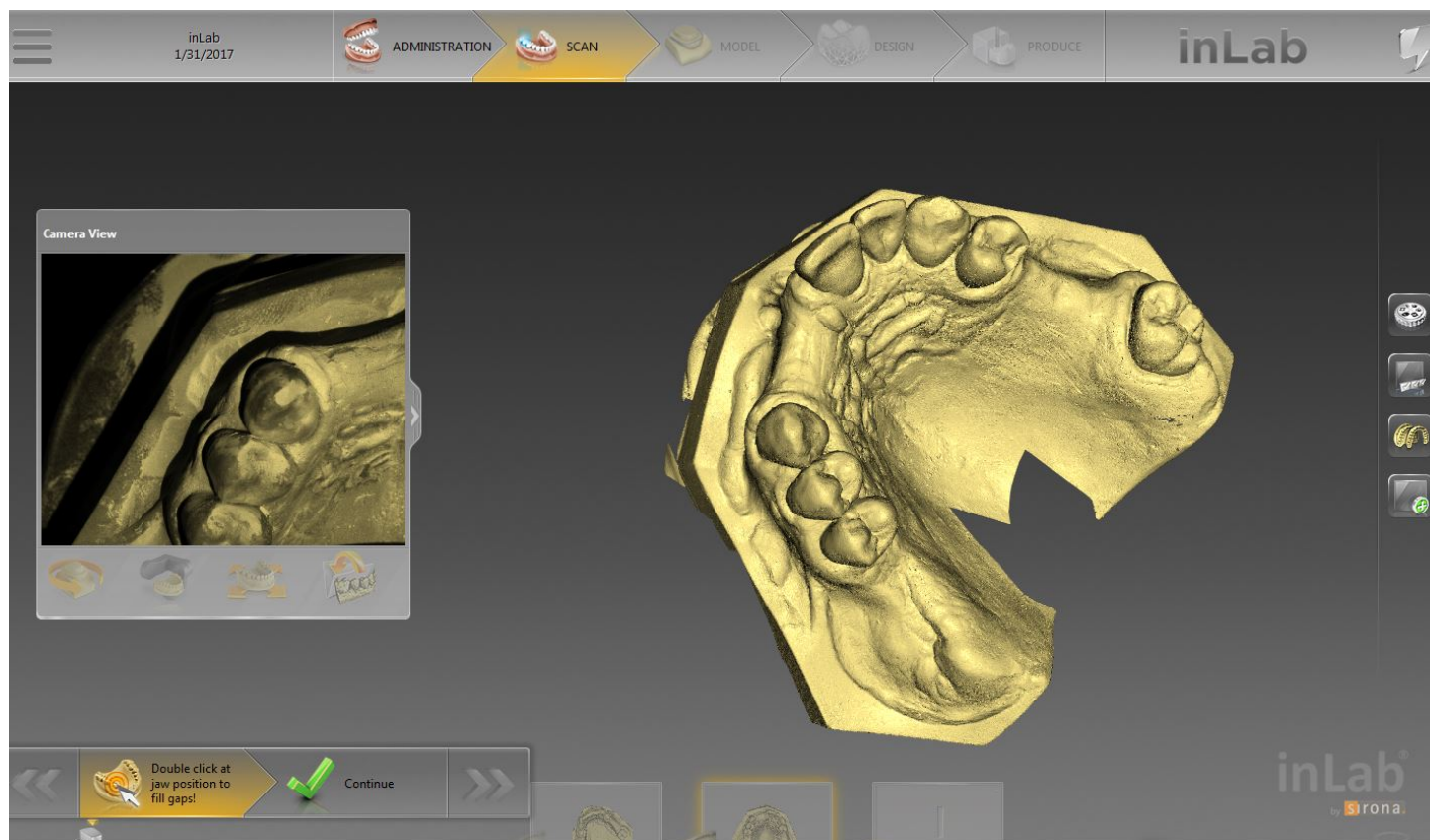
Once the scan has finished double left click any areas that were not captured. Click “Continue” to go to next scan.



- Select the Upper jaw.  
Make sure that
  - “Capture Reduced”,
  - “Single Exposure”, and
  - “Complete Reconstruction”  
are selected.
- Click “Start” to begin scan.

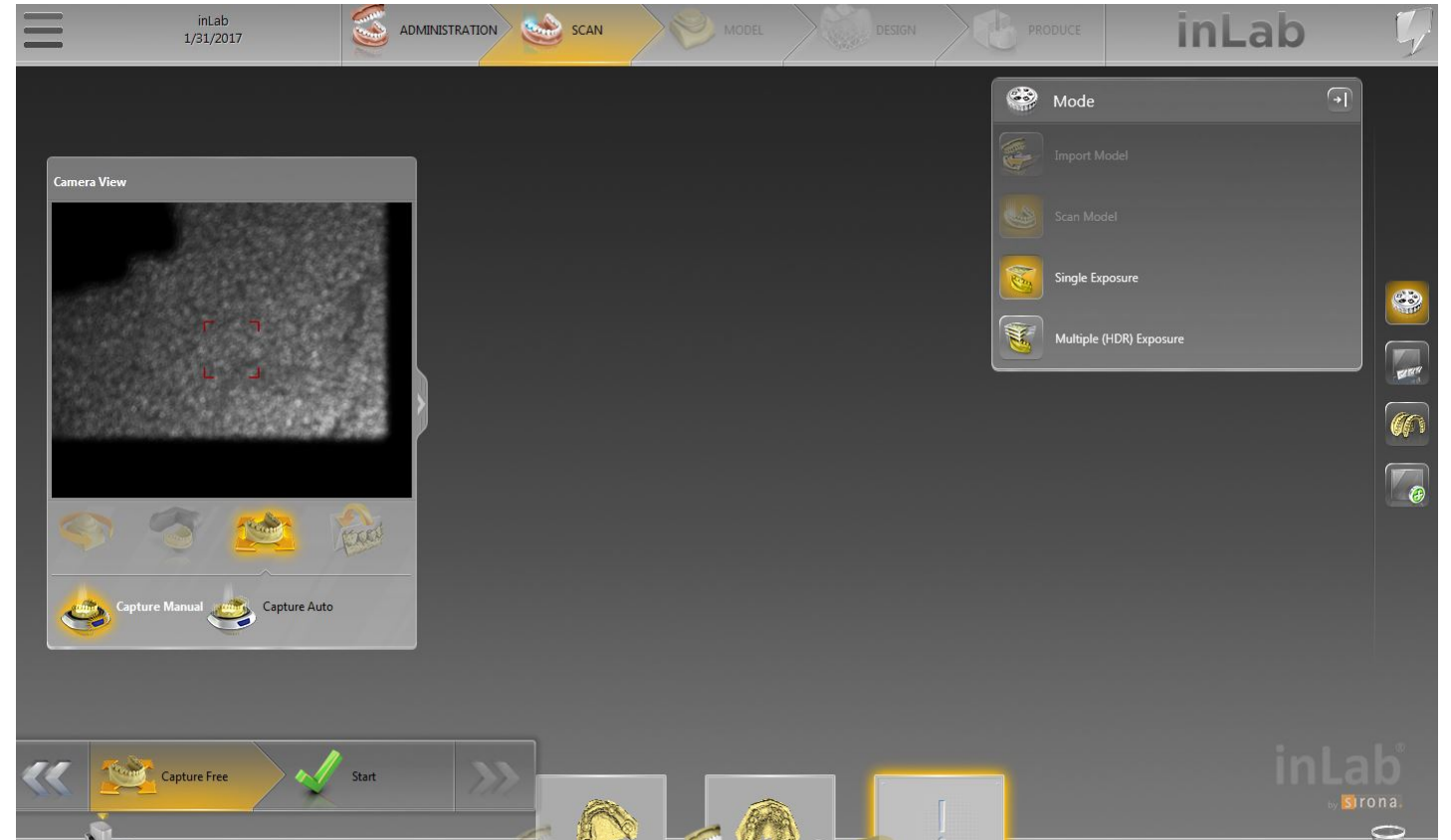


Once the scan has finished double left click any areas that were not captured.  
Click “Continue” to go to next scan.



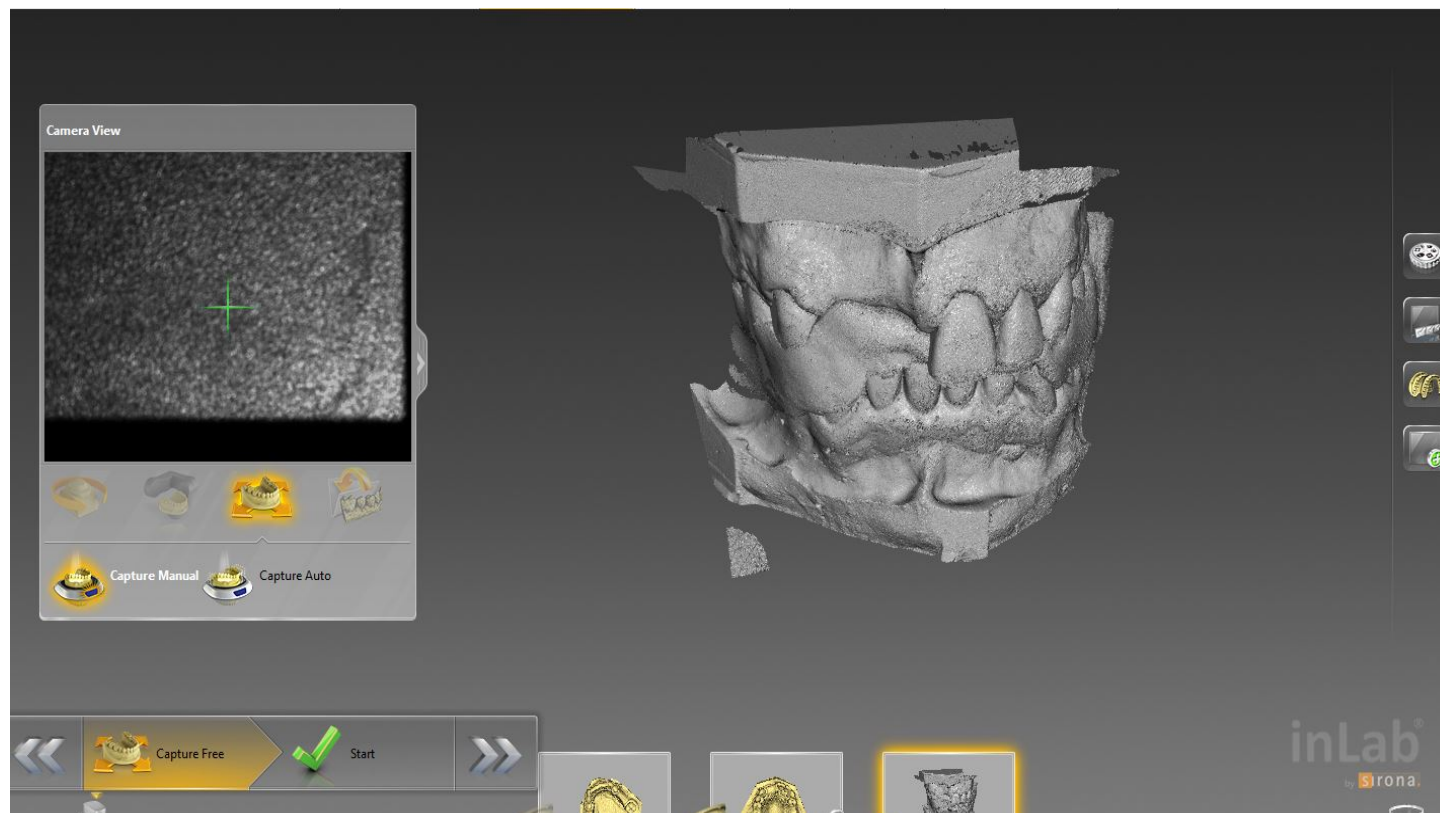


Select the “Buccal” scan.  
The scan plate will move to  
the side. The software will  
default to “Capture Manual”,  
and make sure “Single  
Exposure” are selected.

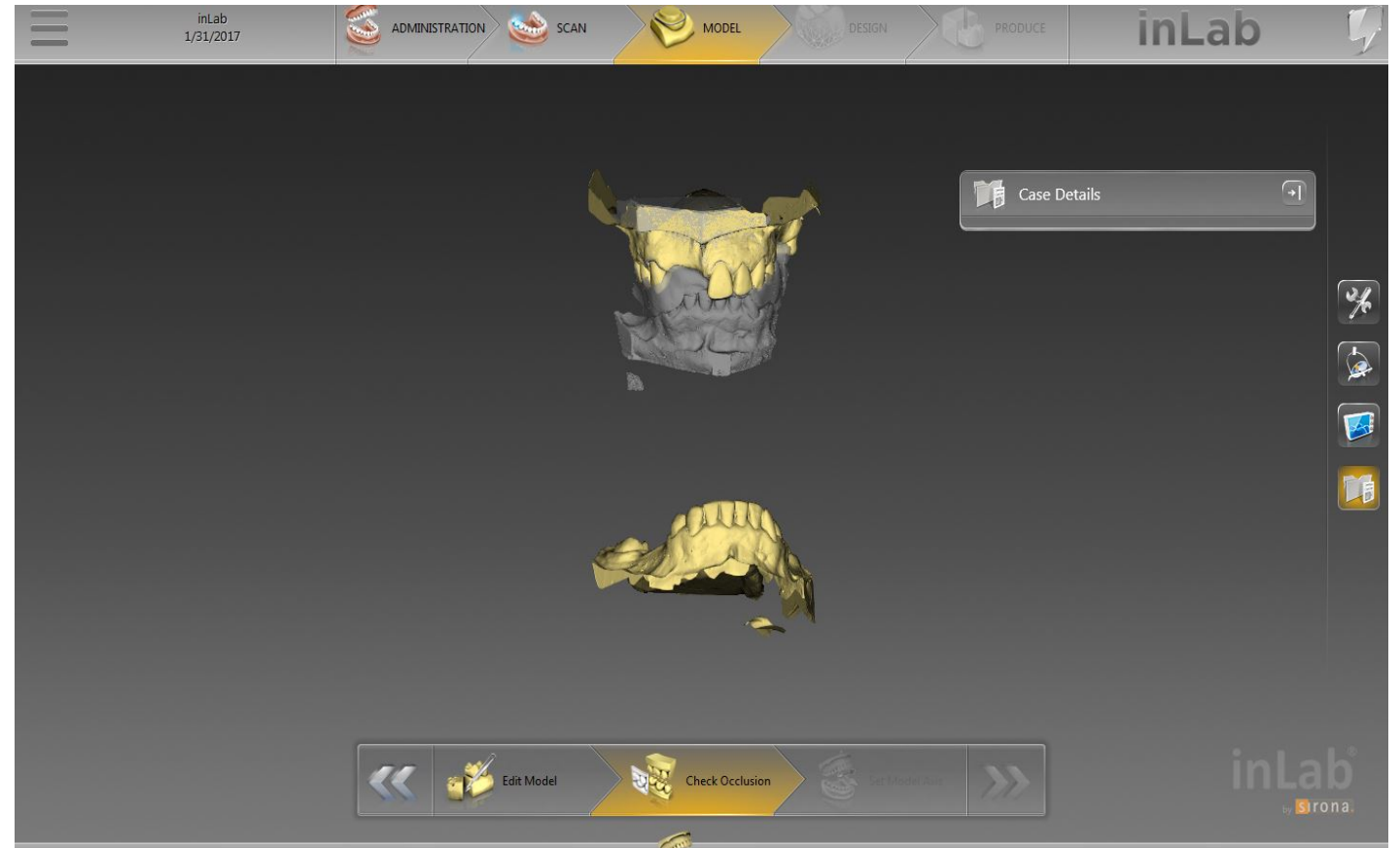




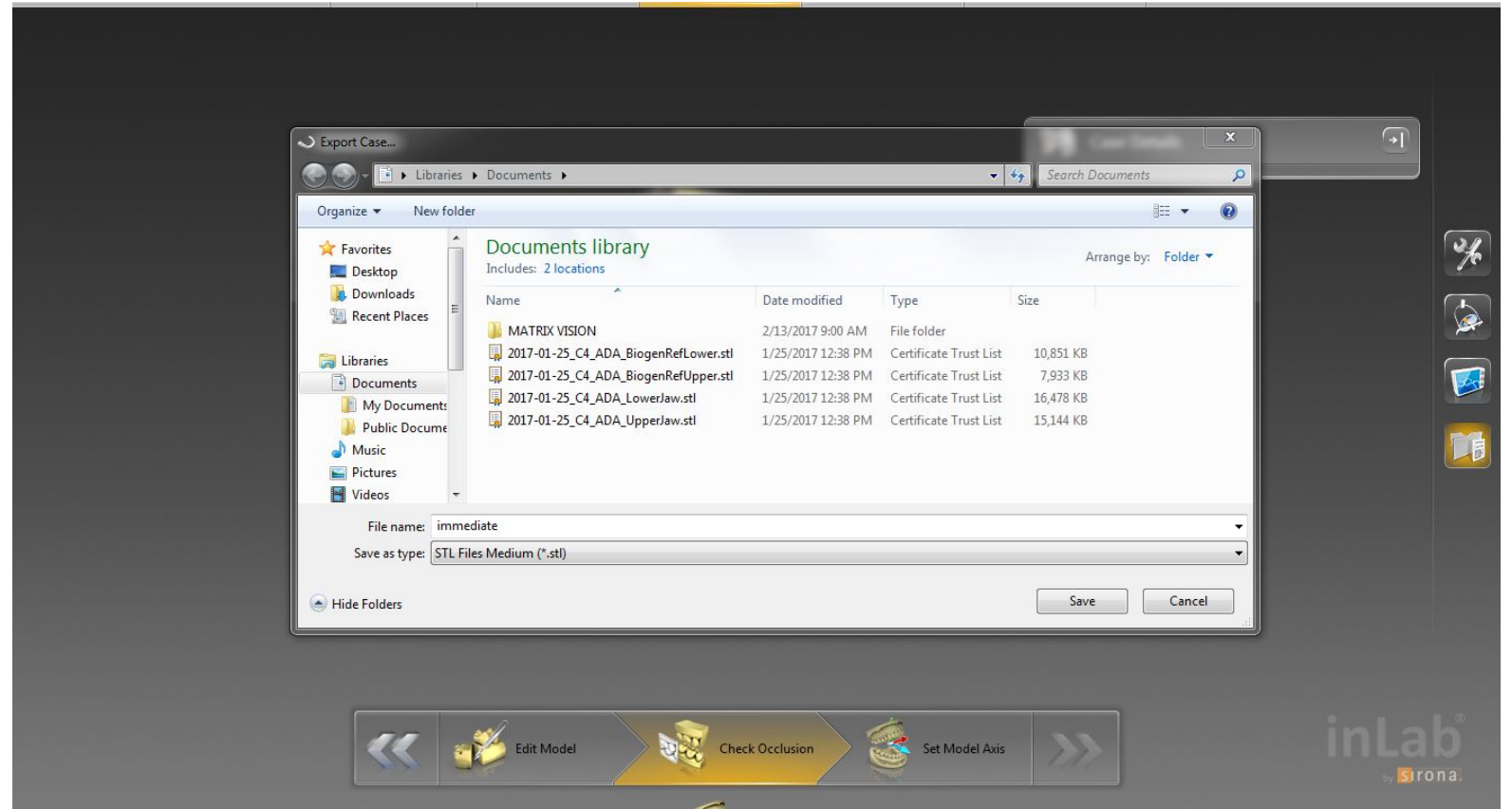
Place arches in scan region and double click the button on the front of the scanner to take image. Once the scan has finished click “Next” to advance.



Bite registration should automatically register, if not, a manual registration will need to be preformed.



Once the registration is complete the scan data can now be exported. Click the menu bar to access the applications menu and select “Export”. Choose the “STL files standard”.



# inEos scans need to be converted to compress their size for upload

- The converter can be obtained through AvaDent customer service.



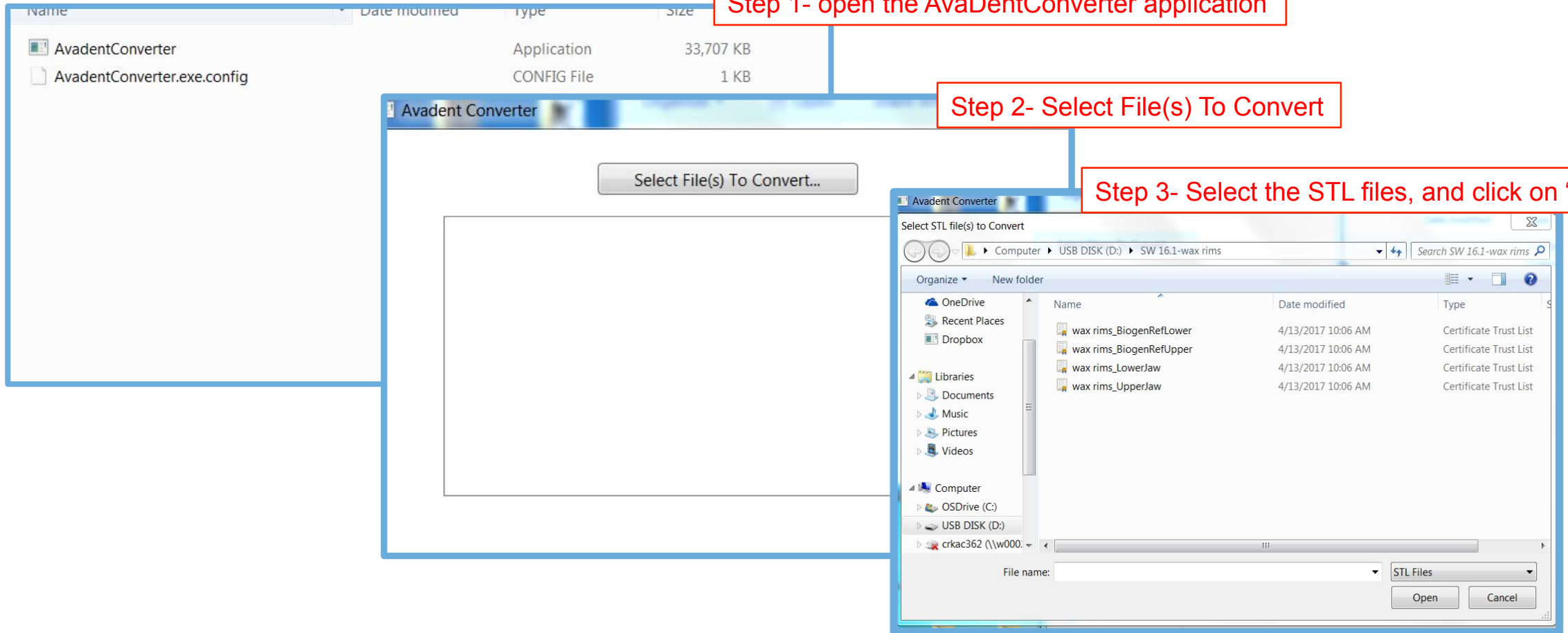
Call us: 855.282.3368    [info@globaldentalscience.com](mailto:info@globaldentalscience.com)

- The AvaDent team will utilize TeamViewer to download the converter to your PC
- It is a simple process, explained in the following screens

Step 1- open the AvaDentConverter application

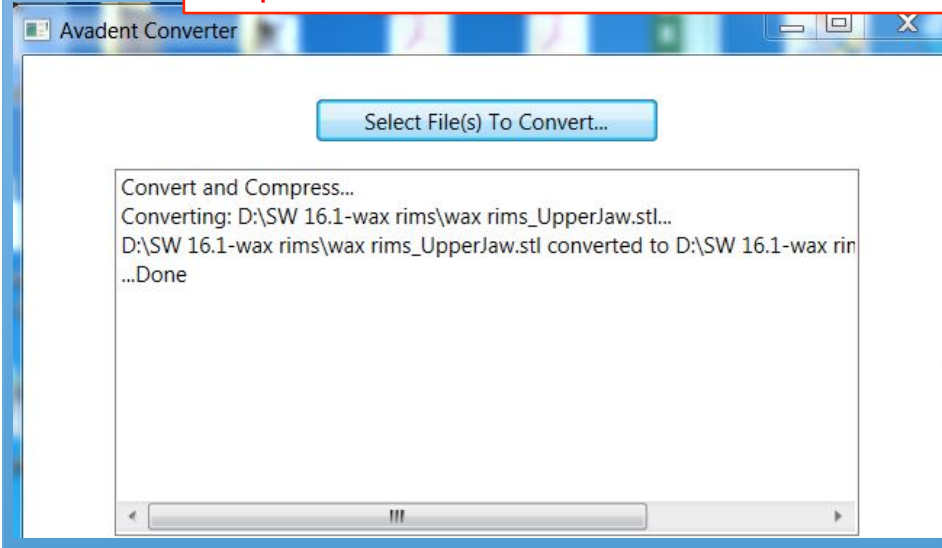
Step 2- Select File(s) To Convert

Step 3- Select the STL files, and click on "open"

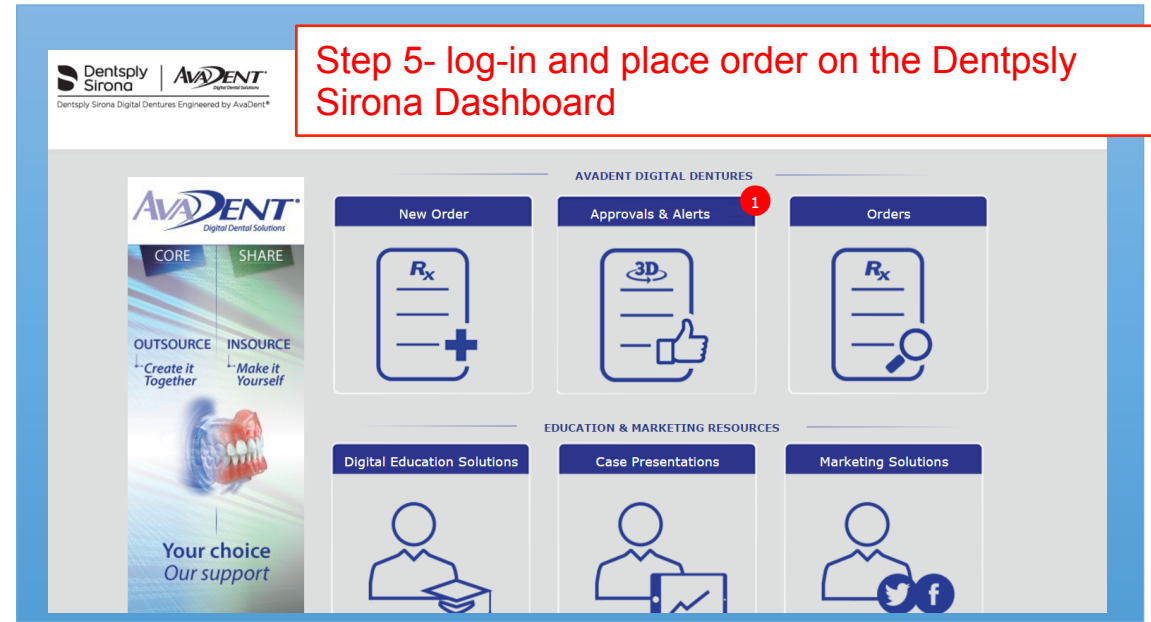




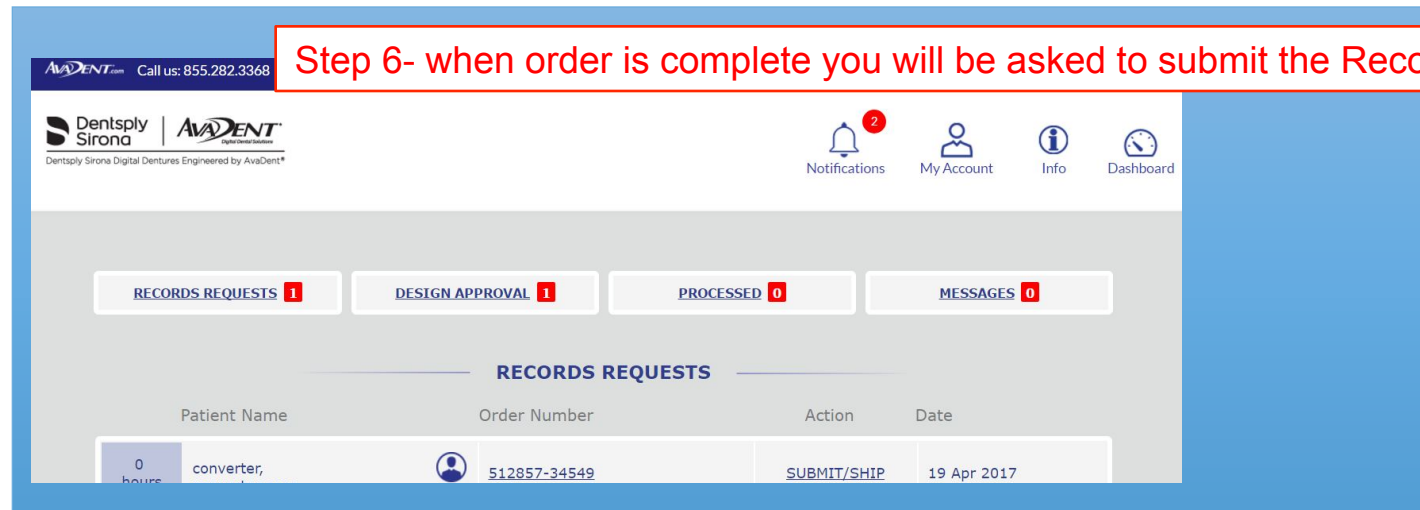
Step 4- the Converter will read "Done" when complete



Step 5- log-in and place order on the Dentpsly Sirona Dashboard



Step 6- when order is complete you will be asked to submit the Records



# The converted files save in the original folder

## Files are saved as APLY File type

The screenshot shows the AvaDent dashboard interface with a Windows File Explorer window open. The File Explorer window displays a list of files in the folder 'Computer > USB DISK (D:) > SW 16.1-wax rims'. The files are organized into two columns: APLY Files and Certificate Trust Lists. The APLY files are: wax rims\_BiogenRefLower.aply (2,047 KB), wax rims\_LowerJaw.aply (1,621 KB), and wax rims\_UpperJaw.aply (1,478 KB). The Certificate Trust Lists are: wax rims\_BiogenRefLower (23,311 KB), wax rims\_BiogenRefUpper (18,731 KB), wax rims\_LowerJaw (31,302 KB), and wax rims\_UpperJaw (31,358 KB). The File Explorer window also shows a 'File name:' field and a 'Custom Files' dropdown menu.

Records Requested!

*Important: Your order is on hold until you receive your records, AvaDent will not ship your records until you receive them.*

**Patient:** converter, converted files  
**Message from AvaDent:**

Submit Digital Scan Records

Scan Comments to AvaDent

Scan Files<sup>1</sup> (\*.stl or \*.aply files)

**Add Files...**

<sup>1</sup>Depending on the size of the files, it may take several minutes to upload each file. Individual files cannot be larger than 20MB. If your STL files are larger than 20MB, you must first generate an APLY file with the AvaDent Converter tool (please contact AvaDent for additional details).

Note: Leave this section blank if not submitting any

# Thank You

