



LABPILOT

DENTAL REMOVABLES CAM

Getting Ready for Takeoff

Instruction Manual

1 STEP 1
Gather all flask components.

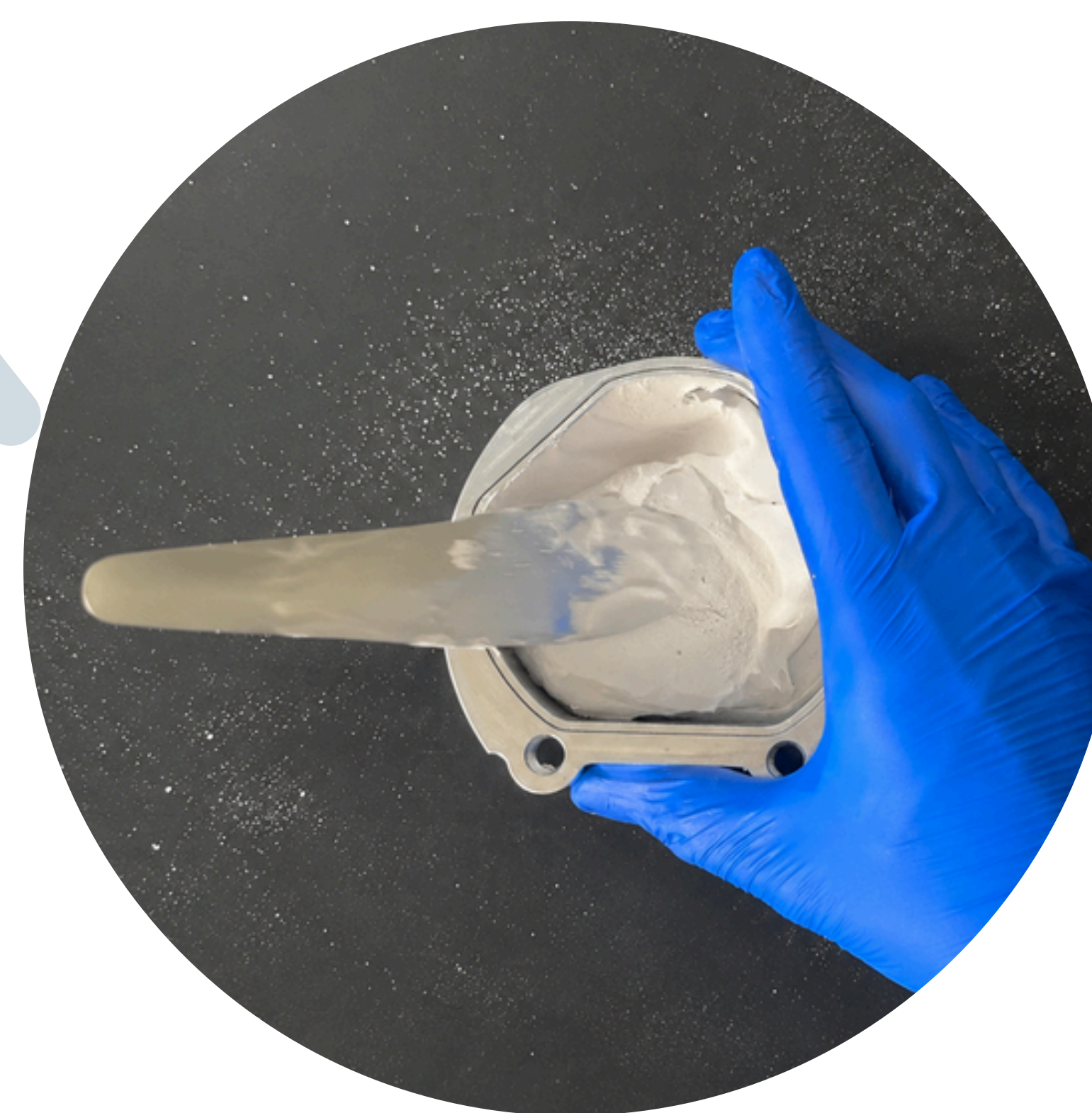


2 STEP 2
Prepare the internal surfaces with Vaseline.



Protect the teeth/prosthetic with Lab Putty (recommended).

3 STEP 3



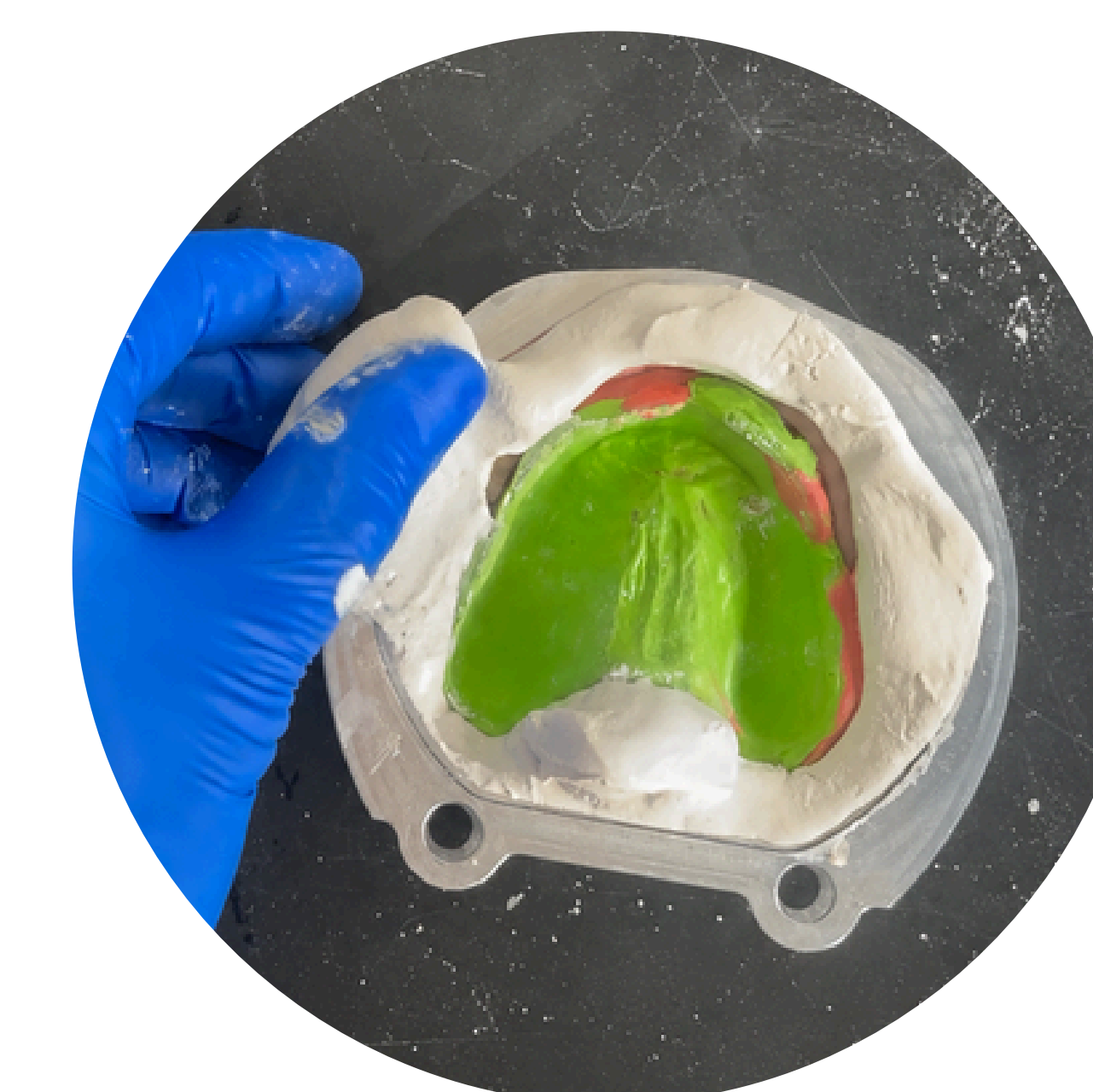
Mix the plaster and/or stone according to manufacturer instructions.

4 STEP 4

5 STEP 5
Place the Flask Adapter onto the Flask Base.

6 STEP 6
Fill the Flask bottom with plaster/stone.

7 STEP 7
Position the prosthetic tissue-fitting surface facing upward inside the flask.



8 STEP 8
Position the prosthetic within the container, not above.

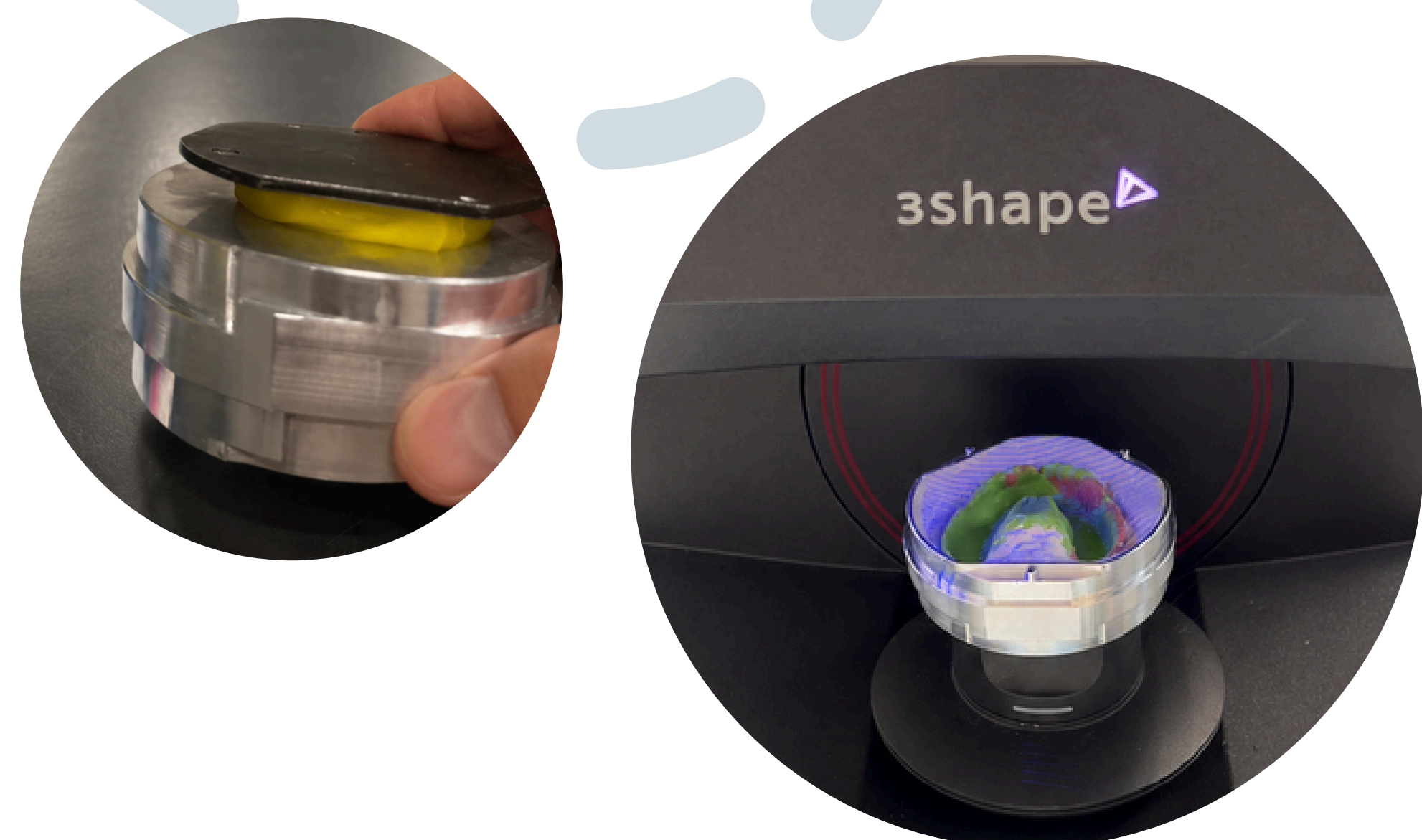
9 STEP 9

Remove any excess plaster/stone.



10 STEP 10

Remove the Flask Adapter from the Flask Base and prepare for scanning.



Scan the flask, ensuring all three alignment posts are clearly visible.

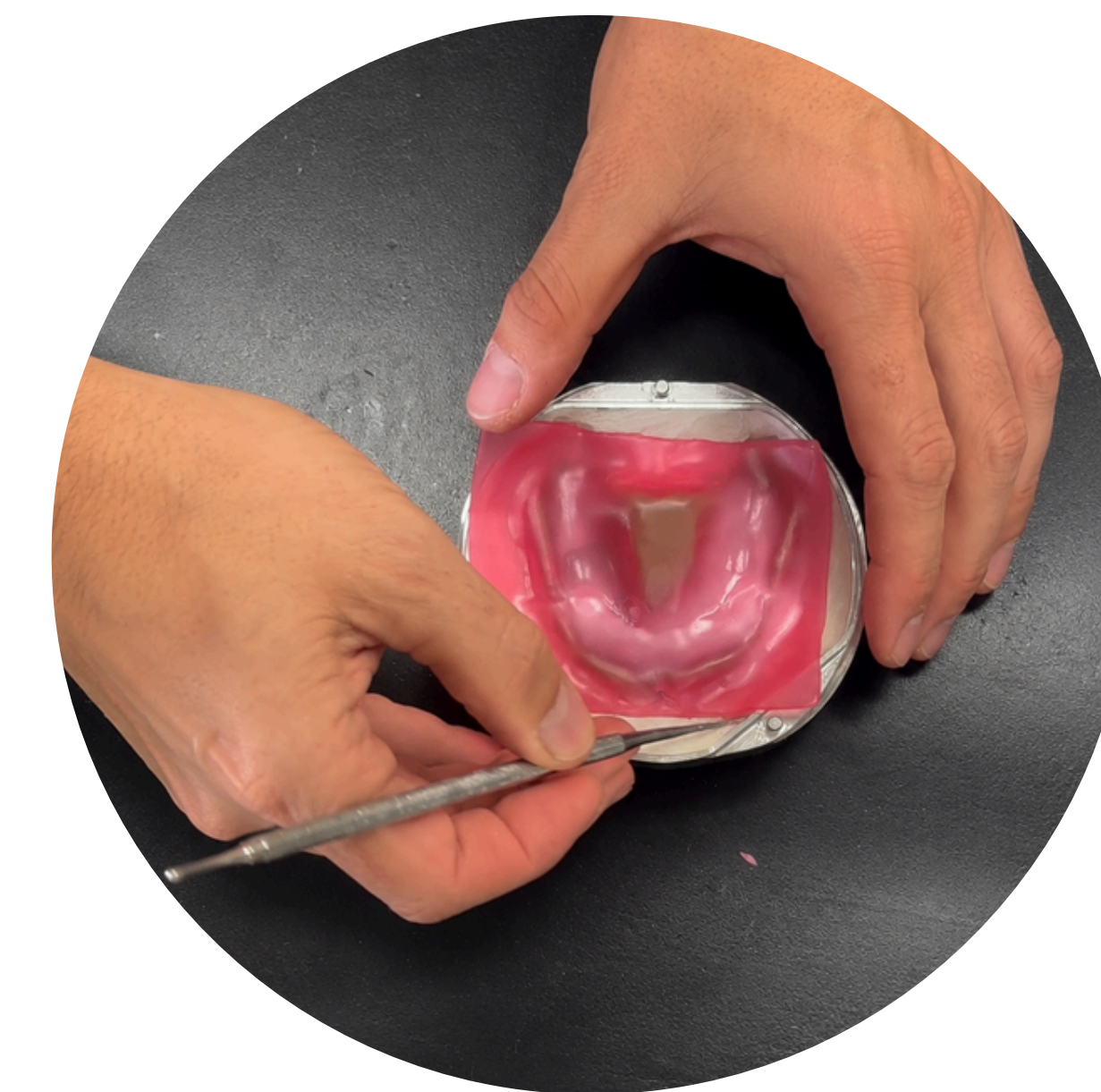
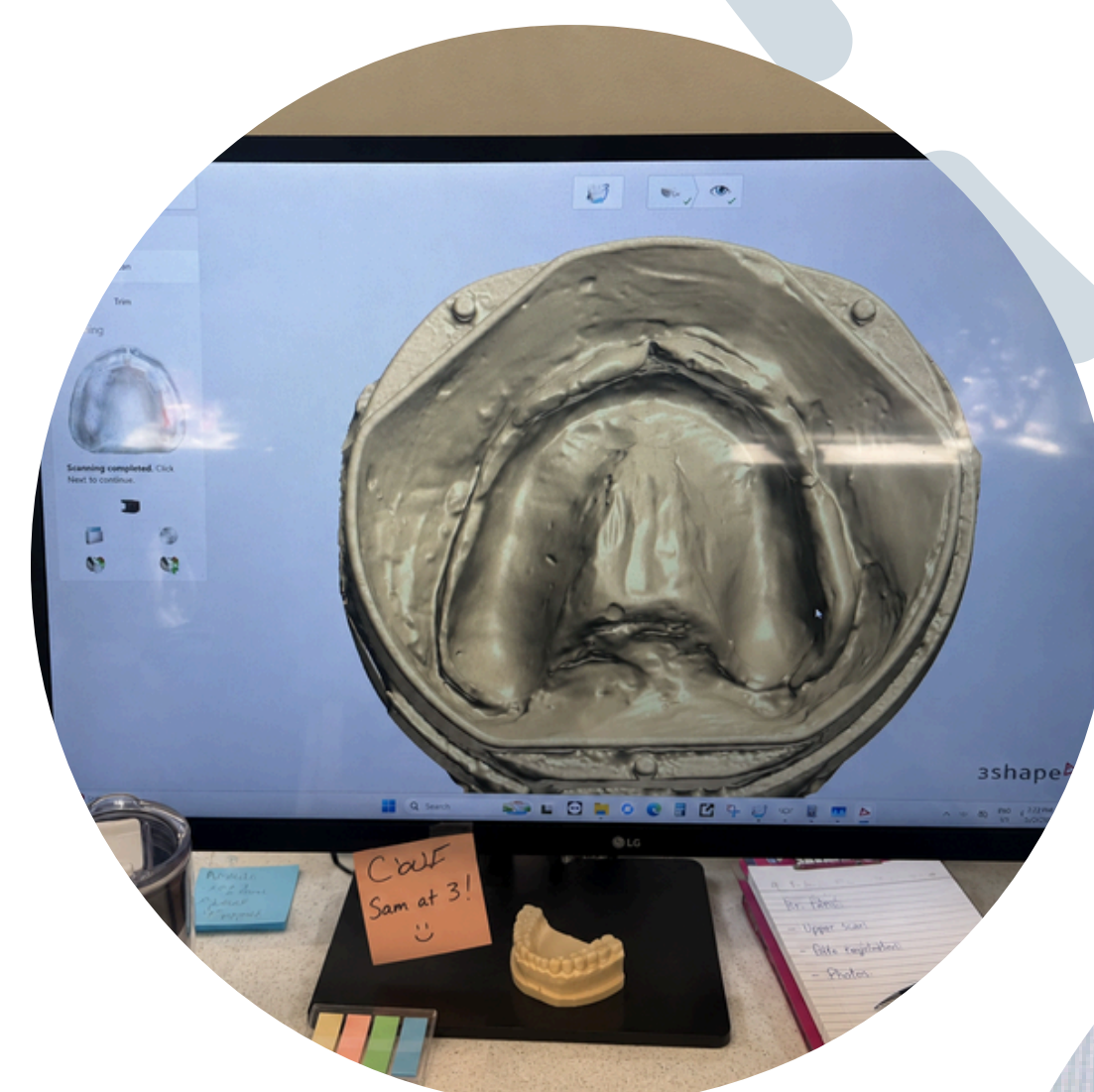
11 STEP 11

12 STEP 12

Upload the STL file to LabPilot.net (upload DCM, PLY, or OBJ files for Express Finishing).

A) For Cold Cure, prepare to add flowable acrylic, then proceed to fill and mill.

B) For Heat cure continue flasking procedure by adding a spacer, like wax, on top of the prosthetic.



Place the spacer on the prosthetic to compensate for acrylic shrinkage and/or warpage while hardening.

13 STEP 13

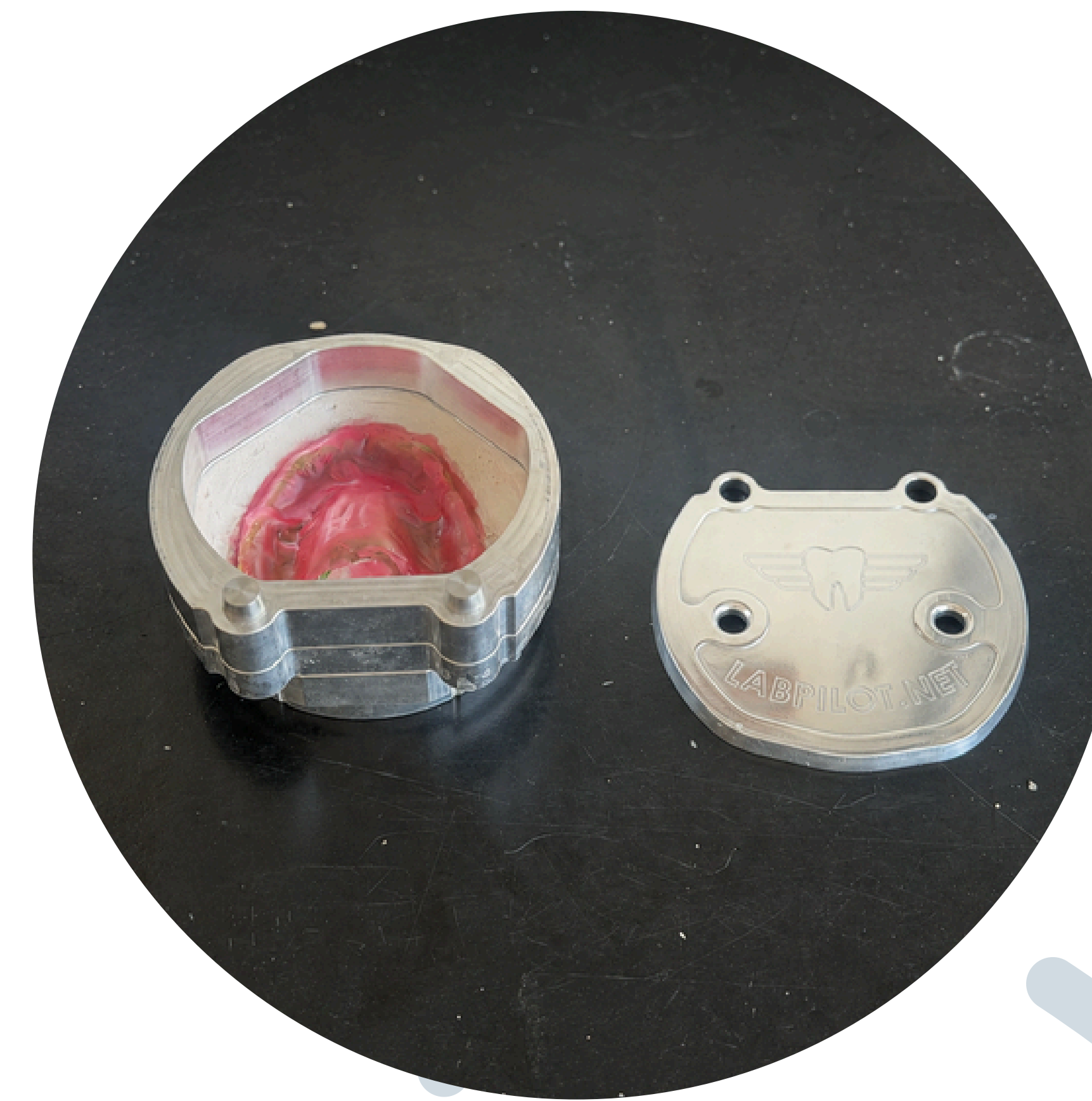


Paint the separator on the plaster/stone surfaces.

14 STEP 14

15 STEP 15

Add the flask adapter and mid flask section to the flask base.



Add plaster/stone slightly above the mid flask section.

16 STEP 16

17 STEP 17

Place the lid onto the flask and press until fully seated, material should exude out.



18 STEP 18

After the plaster/stone sets:

A) For a wax-up, proceed with the boil-out process and wax removal.

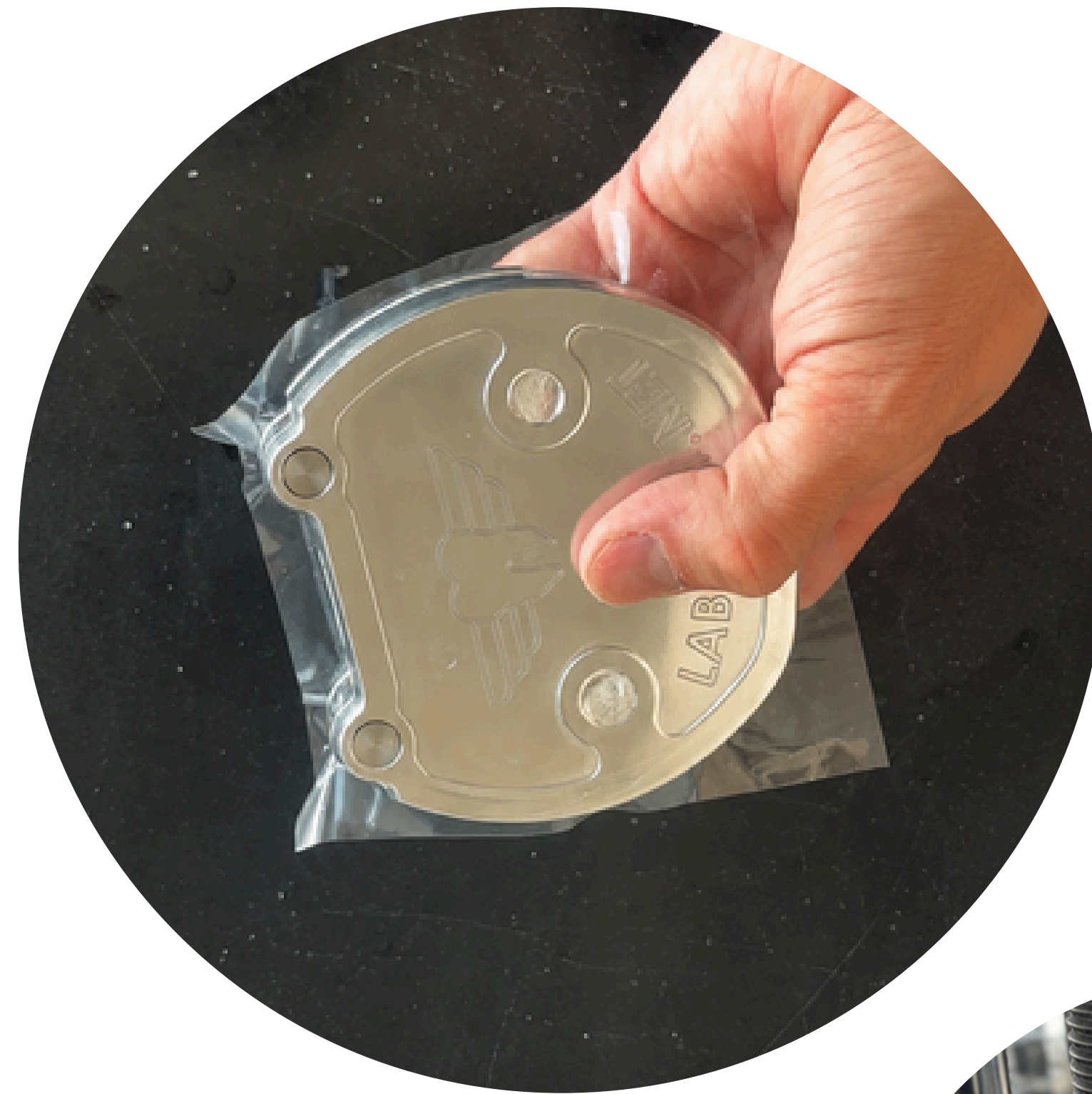
B) For a reline, no boiling is required.

19 STEP 19

Use the flask separating tool to separate the flask adapter and the mid flask section, where you would when traditionally flasking.

20 STEP 20

Prepare to add acrylic, painting the separator on stone/plaster surfaces. Prosthetic relines can either remain in place or can be removed and repositioned.



Use a plastic packing sheet to ensure that enough acrylic has been added, once confirmed, simply compress and go. No bite or vertical problems occur regardless of seal.

21 STEP 21

Follow the heat cure procedure as you typically would.

22 STEP 22

23 STEP 23

After the cool down is complete, use the deflasking tool to separate the flask adapter from the flask mid section, and the flask adapter from the flask base.



24 STEP 24

The top section is no longer required and the lid can be separated from the flask mid section with a deflasking tool. A hammer can be used to knock out any stone/plaster residue in that region.

25 STEP 25

Place the flask case into the holder/mill.



26 STEP 26

Take the machine file and play it on the machine. If using a Roland machine, ensure you are utilizing V Panel.

***You've now complete the
LabPilot Process.***



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*Scan me to view instructions
in other languages.*

