STEP BY STEP
Installation procedure

Elos Accurate® Analog for Printed Models

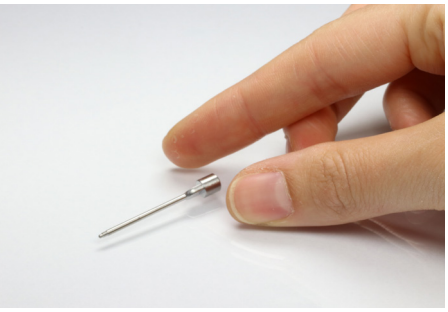
A model analog specifically created for 3D printed models

Elos Medtech introduce a model analog concept created for desktop 3D printing. The new analog is available for the major implant platforms and color coded according to the implant manufacturer.

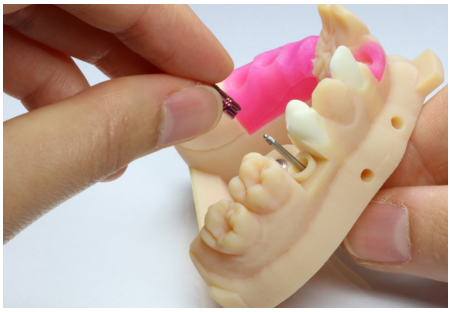
The Elos Accurate Analog for Printed Models (Analog) can only be installed in the correct position, has a press fit and is automatically centered in the model socket. If you still want to have an extra insurance of the safe seating, there is an optional special screw available for this purpose.

The installation tools are: Elos Accurate® Analog Pliers, Elos Accurate® Analog Insertion Pin and Elos Accurate® Analog Insertion Screw.

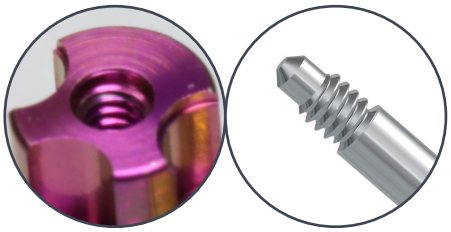
1. The 3D printed model, Analog, Elos Accurate Insertion Pin (Insertion Pin), Elos Accurate Pliers (Pliers) and Elos Accurate Insertion Screw (Insertion Screw).



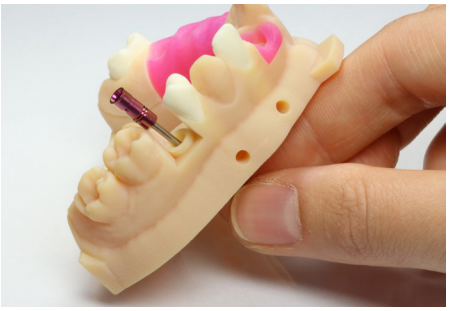
2. Grab the Insertion Pin with your fingertips.



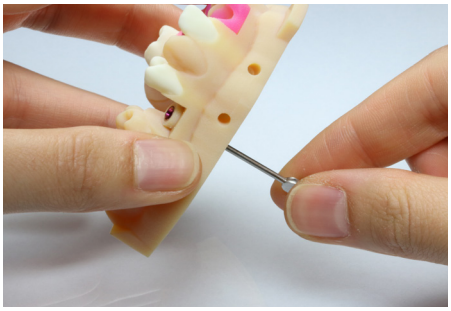
3. Stick the pin through the bottom of the 3D printed model and screw it into the bottom of the Analog.



4. The Insertion Pin is universal and fits all Analogs.



5. When mounted, gently pull the Analog into the model socket.



6. Turn slightly to the right until the Analog drops down into the model socket. This indicates that you have found the correct position.

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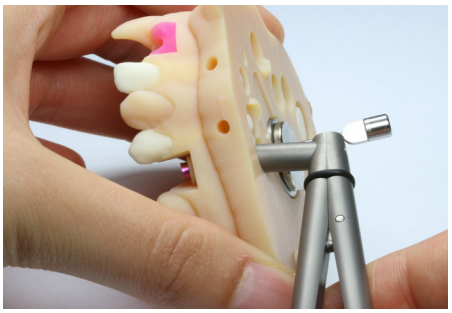
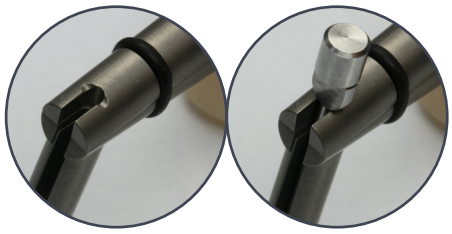
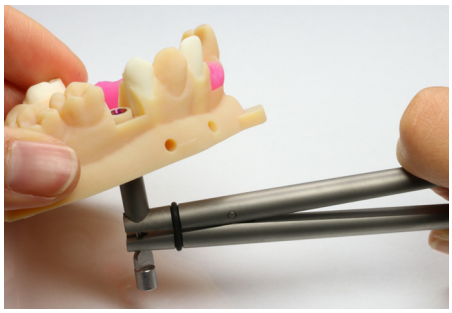


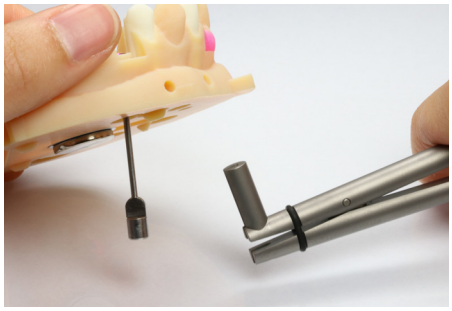
7. Place the Pliers so that the Insertion Pin ends up in the slot at the top of the Pliers.



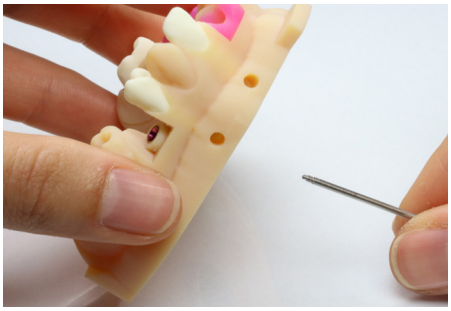
8. The image to the left shows the Pliers with a stabilizing slot for the head of the Insertion Pin, the right picture shows the insertion pin inserted correctly into the Pliers.



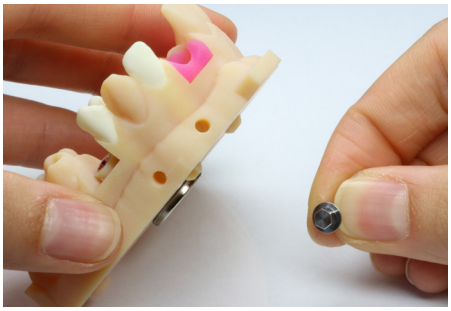
9. Apply compression force to the handle of the Pliers until the Analog is pulled into position.



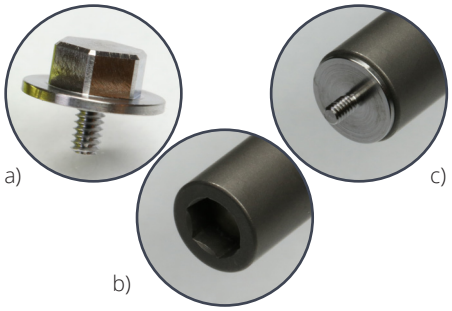
10. Remove the Pliers from the Insertion Pin.



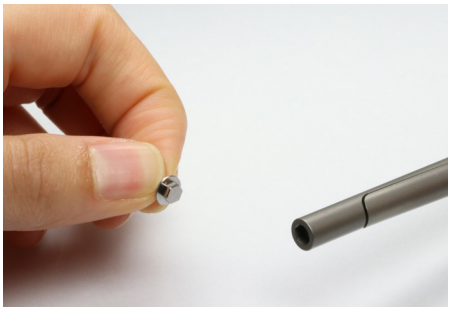
11. Unscrew the Insertion Pin from the Analog.



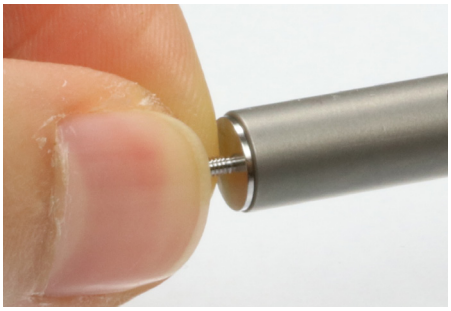
12. If desired, secure with the Insertion Screw by mounting it in the Analog from the bottom of the 3D printed model.



13. a) Insertion Screw.
b) Socket wrench at the back of the Pliers.
c) Insertion Screw mounted in the Pliers.



14. Place the Insertion Screw in the socket wrench of the Pliers.



15. The socket wrench has a magnetic feature which will keep the Insertion Screw securely in place.

16. Use the Pliers to place the Insertion Screw in the bottom hole of the Analog.

17. Rotate the Pliers clockwise until the Insertion Screw is fully tightened. The torque applied to the Insertion Screw must not exceed 5 Ncm.

18. Remove the Pliers and the installation procedure is done. The Analog is now perfectly seated in the 3D printed model.