



CANINE DENTAL TECHNICIAN BASE MODEL / PACKAGE

USER MANUAL

1025649, 1026126, 1025652, 1026127

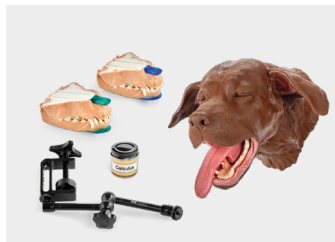
CANINE DENTAL TECHNICIAN BASE MODEL / PACKAGE

➤ CARE, HANDLING, AND MAINTENANCE

Canine Dental Technician Base Model (1025649, 1026126)

Components:

- Canine head, available in brown and black
- Scaling jaw set
- X-ray jaw set
- Removable tongue
- 30 ml jar of artificial calculus
- Adjustable clamp assembly



1025649



1026126

Canine Dental Technician Package (1025652, 1026127)

Components:

- Canine head, available in brown and black
- Scaling jaw set x2
- X-ray jaw set
- Clear jaw set
- Removable tongue
- 30 ml jar of artificial calculus
- Adjustable clamp assembly
- Carrying case



1025652



1026127

➤ CLEANING

The soft skin of the canine dental technician model may feel somewhat oily, but this is normal for soft silicones. All components —both hard and soft — should be periodically cleaned using a mild detergent and warm water. Never use harsh chemicals or cleaners. All internal soft components can be damaged by rough handling.

➤ GENERAL MAINTENANCE

Periodically inspect the unit for damaged components. If any of the soft components become damaged, they can be repaired with any aquarium-grade silicone adhesive (preferably clear). If they are not repairable, replacements are available.

The canine dental technician model comes properly assembled. It is best to observe the orientation and position of all the components to familiarize yourself with them and to ease the correct replacement of consumable or damaged components. The head component of the model has been designed and fabricated with high-fidelity appearance and response. These characteristics give the skin a relatively delicate nature, which requires care in handling and storage to avoid damage.

➤ MAXILLA INSTALLATION

Hold the upper lips of the model's nose on both sides, and gently roll the nose backward (caudally) until you see the mounting surface and rails of the maxilla inside the mouth. Use your thumb and index finger to gently separate the upper lips to make room for the maxilla. Align the mounting rails on the head with the slots on the maxilla, and carefully slide the maxilla into place by pushing it down into the mouth (caudally) until it stops and fits snug. Be mindful of any pinching of the inner lip during this process to avoid tearing. Finally, roll the nose forward (rostrally) and gently pull the nose/skin forward to ensure the maxilla mounting tab fits snugly into its pocket within the nose skin. Applying a small amount of petroleum jelly lubricant can make the installation smoother.

➤ MAXILLA REMOVAL

Gently roll the nose of the model backward (caudally) by holding the upper lips on both sides of the nose until the mounting tab of the maxilla is released from the underside of the nose. The nose and lips will remain in an inside-out position. Avoid pushing the nose downward beyond the point where the mounting plate is exposed to prevent damage to the model. To remove the maxilla from the head, use your thumb to hold the colored tab and hook behind a canine tooth with an index finger to pull it in an upward (rostral) direction until it is free from the two mounting rails. It should free itself from the mounting rails with minimal force. Avoid leaving the nose rolled back for an extended period as this may cause deformation of the silicone rubber head.

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➤ MANDIBLE INSTALLATION

A small amount of petroleum jelly will ease the installation of the mandible. Line up the two stainless steel mounting pins with the corresponding holes in the mandible. Push up on the supra hyoid ventrally while sliding the mandible onto the two pins in a caudal direction until it stops. Check that the tongue mount is sitting comfortably inside the mandible and that the silicone is not caught under the mandible. Gently pull the distal portion of the lower lip forward (rostral direction) and dorsally to seat the lower lip onto the mandible mounting flange. To install the tongue, locate the two plastic mounting posts within the center lower section of the mouth and align them with the corresponding holes in the base of the tongue. Hook the back hook in first, and then pull the tongue forward to secure it over the forward hook.

➤ MANDIBLE REMOVAL

First, remove the tongue by gently pulling it in an upward/ forward direction to release it from its front plastic mounting post, then repeat with the back post. The mandible can be removed without removing the tongue, but replacing the lower mandible is simplified by doing so. Pull the distal portion of the lower lip in a forward/downward (ventral) direction to release it from the mandible mounting flange. To remove the mandible invert the head and grasp the cranium while cradling the model. The mandible can then be removed by grasping it in a rostral direction with your thumb and index finger, pulling until it is free of its two stainless steel mounting pins. Some gentle side-to-side movement may be required. Be mindful that excessive force or torque of the mandible on the metal pins may cause damage to the mandible.

➤ INSTALLATION OF CLAMP

Locate the threaded insert on the caudal end of the canine head. Thread the end of the adjustable arm into the threaded insert. The other end of the arm, the clamp, can be opened and secured to a table or other secure workspace by rotating the knob closed. Affix the clamp to the work surface. Position the head by moving the head and adjustable arm. Once in the desired position, lock the arm by tightening the center knob. This locks all movement of the arm. Do not overtighten, as this can damage the arm.

➤ ARTIFICIAL CALCULUS INFORMATION

- Ingredients: Dental Stone, Acetone, Intro Cure 20 Clear (polyurethane coating).
- Avoid breathing in dust (wear a mask when scaling and performing other procedures), and rinse immediately if there is any contact with eyes or skin.
- Contents are flammable; keep away from heat and flame.
- Please note that the clamp is used to mount the head in a horizontal position not vertical. It serves to keep the head stationary during dental procedures.

➤ FUNCTIONS, STRUCTURE, AND PROCEDURES

The following anatomical features are represented in the canine dental model:

- Head with accurate weight and flexible skin
- Flexible gingiva and alveolar mucosal layer
- Periosteal layer
- Bone material, accurately shaped skeleton
- Individual, accurately shaped teeth
- Periodontal ligament
- Tongue

The following dental procedures can be demonstrated:

- Manual and ultrasonic scaling
- Periodontal probing and administering local anesthesia.
- Radiology*
- Intubation training

* Use the X-ray jaw set for realistic imaging practice.

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> REPLACEMENT PART

Canine Clamp Arm	1025637
Canine Dental Tongue	1025647
Canine X-ray Jaw Set	1025651
Canine 30ml Artificial Calculus	1025650
Canine Dental Laryngopharynx Component	1025641
Canine Scaling/Polishing - Mandible	1025642
Canine Scaling/Polishing - Maxilla	1025643
Canine Head, Brown	1025640
Canine Head, Black	1025639

> CONTACT INFORMATION



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