



EUTHANASIA TRAINING SIMULATORS

USER MANUAL

1025549, 1025553, 1025556, 1025559, 1025562, 1025564
1025653, 1025655, 1025657, 1025659, 1025661

EUTHANASIA TRAINING SIMULATORS

➤ BASIC SYSTEM

This simulation platform consists of a series of livestock heads and bodies with specific provisions for training euthanasia with a captive bolt gun or a non-penetrating bolt. The species, breeds, and sizes available include market hog, holstein, hereford, Sow, market steer, market lamb, piglets (3kg neonate, 6kg, 9kg), and 4kg Lamb.

The large animal models are represented by a head with a cavity that receives a brain canister. These head models are intended to teach targeting, proper gun positioning, and to provide a realistic tactile feedback. Once a shot is taken, the brain canister provides a 3-dimensional practical trace of the trajectory, delivering immediate information concerning bolt placement, angle, and depth, thereby qualifying a “proper euthanasia”.

The small, full-body models are intended for use with only a non-penetrating bolt, and can be used to train proper animal restraint and targeting.



➤ LARGE ANIMAL HEAD MODELS HEAD

A cylindrical cavity in the head receives the brain canister. The cavity is lined with a plastic tube that can be replaced, should missed shots cause damage to this lining. This plastic liner will not cause damage to the captive bolt. All head models are constructed of silicone rubber skin with flexible foam interior and steel armature.

➤ ADJUSTABLE ROLLING STAND

The adjustable rolling stand is designed to receive the various species of animals available with the system. It is adjustable for height, head angle (forward and back), and can be rotated right to 90 degrees.

Each head has a square bracket on the back panel which fits into a square tube receiver on the head adjustment assembly of the dedicated stand. The stand permits a wide variance in positioning to demonstrate difficult animal characteristics and movement as extreme as a downer animal. Please refer to the separate document in regard to setting up and using of the stand.



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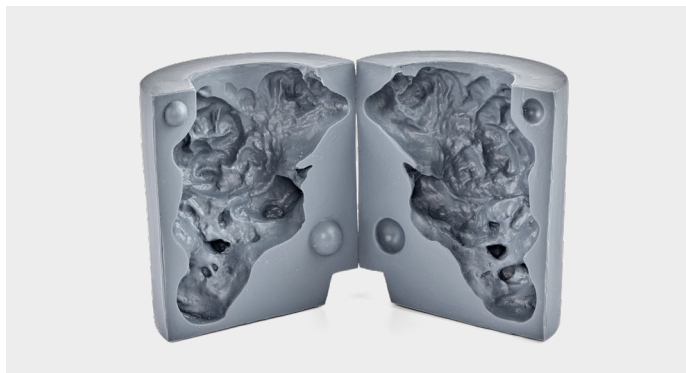
➤ BRAIN CANISTERS TARGETING/CERTIFICATION CANISTER

Each brain canister consists of a soft clay brain, a two-piece silicone brain case (pictured right), a cardboard tube housing, and a plastic skull plate with an attached hair/hide piece (pictured below right). This entire canister assembly slides into the dedicated cavity in the corresponding model head. It can be oriented by male keys in the bottom of the head cavity that fit into the equivalent receivers in the foam brain case.

The canister is intended to be inserted into the head cavity and shot once with the appropriate bolt and selected gun charge or gun pressure for the species. Depressions on the perimeter of the head cavity provide access to finger-grip the cardboard housing of the canister in order to extract it from the head. Once the complete canister is removed from the head cavity, the silicone brain case can be removed from the cardboard tube. The removed brain case can be opened by separating it from the skull plate and pulling apart the halves, or by cutting through the brain clay to examine the shot. The shot can also be probed for depth and placement.

The brain cases are fabricated in a variety of sizes and configurations to suit the appropriate head model. The brain cases are prepared with a faux-fur hide covering attached to the skull plate. The brain clay material is a non-toxic, water-based wheat dough that should be stored in sealed bags and preferably refrigerated to extend the shelf life. If properly stored, the brain clay will remain soft and the canister usable for at least 6 months.

The ribbon that is attached at the base of the canister is used to remove it from the cavity. When loading the canister ensure that the ribbons run along the canister and are visible at the top, so that they can be used as pull tabs.



➤ FULL BODY NON-PENETRATING CAPTIVE BOLT MODELS

The small animal models, including piglets and small lamb, are for use only with a non-penetrating captive bolt. These models are intended to train proper animal restraint as well as bolt placement, and are constructed to represent the flexibility and weights of the corresponding animal. The solid silicone rubber heads can endure 50 to 100 shots before extremes of deformation render them unusable.

Heads can be removed by simply pulling on the head and working the head off the flexible locking key that protrudes from the body (pictured below). A replacement head can be pushed on to the protruding key until the head locks. Moderate force is needed when removing and replacing the heads.



➤ MAINTENANCE, CARE, AND REPAIRS

The models should be cleaned regularly with mild soap and water, never with solvents or harsh chemicals. Should the skin ever be torn or damaged, it can be repaired with VSI Silicore repair kits. Please contact us if you require one.

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> CONTACT INFORMATION



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