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The **WCS Wildlife Euthanasia Chamber** is an important piece of equipment for every wildlife control professional. CO2 is an AVMA recommended method of euthanasia and this chamber provides the right tool for this task. Constructed of sturdy galvanized steel, this chamber is sized to place an entire trap right inside to minimize contact with wildlife. Easy to use instructions make use of this unit effective. Each chamber comes with a rubber hose for connection to a regulator. The top loading design has a clear viewing window in the lid to allow for monitoring of the process.

Nearly every wildlife control professional faces the task of euthanasia and it is a process with legal and ethical responsibilities. The **WCS Wildlife Euthanasia Chamber** is the industry standard for humanely dispatching animals. CO2 activation makes it practical and cost effective while at the same time causing minimal distress to wildlife. When this product is cared for properly it will offer years of reliable, effective service.

The WCS Wildlife Euthanasia Chamber is made of galvanized steel sheet metal construction for rust-resistance. Measuring 14" x 14" x 38", this chamber is more than adequate to handle most large cage traps. As a top-loading model, it allows you to place the animal & trap into the chamber eliminating unnecessary contact. This unit operates on CO2 gas and comes complete with an 8" x 12" viewing window in the cover and a 4' hose with fittings to connect to a regulator.

Accessories:


(A)


(B)


(C)

(A) The **CO2 flow gauge (aka regulator)** (sold separately) attaches to your CO2 tank and regulates the flow of gas to the euthanasia chamber to bring about a humane, efficient, and safe death.

(B) The **WCS Electronic CO2 saver** is an optional digital automatic shut-off device that can be programmed to control the flow timing of CO2 being used during the euthanasia process. This allows for timed control of gas flow, making its use more efficient. You simply pre-program the time interval that you want CO2 delivered to the chamber and the

unit will automatically turn the gas flow off at the end of the timed period. No more wasted gas!

(C) **Tank clamp** is used to secure CO2 tank in a vehicle or stationary workspace. This is the tank clamp that fits a 20lb. cylinder and secures it in a vehicle

WARNING FOR OUTDOOR USE ONLY!!!

INDIVIDUAL COMPONENTS:

- Euthanasia chamber with viewing window & hose
- CO2 flow gauge (aka regulator) (sold separately)
- Tank Clamp (sold separately) 20 lb or 50 lb available
- CO2 cylinder & hose (typically purchased or leased at a Welding Supply Company)

CONNECTIONS:

Connect the flow gauge to the CO2 cylinder. Connect the hose (provided with the chamber) to the base of the chamber and then to the left side (CFH side) of the flow gauge.

The CO2 Flow Gauge (aka Regulator) offered by WCS is designed for use with both CO2 and Argon. CO2 is used in euthanasia. The regulator has two dials. The gauge on the left indicates the cubic feet per hour (CFH) and liters per minute (LPM) flow of CO2 once the tank valve is opened. The gauge on the right indicates the pressure, PSI (pounds per square inch) in the gas tank. This gives you an indication of how full your tank is of gas.

INSTRUCTIONS:

1. Remove cover. Place trap with animal into chamber and put cover back over unit. To reduce stress, cover the viewing window with a cloth to prevent the animal from seeing you or others. Always handle animals as gently as possible before and during euthanasia. Keep noises and contact to a minimum.

   NOTE: Place only one animal in the chamber at a time unless it is a colony species (e.g. certain ground squirrels).

2. Open the CO2 tank valve all the way

3. Immediately turn the flow gauge increase/decrease knob so that CFH gauge registers between 40 and 50 (corresponding LPM gauge will show 18 to 24) if using the WCS offered Chamber. *(If using a different sized chamber, flow rate will need to be adjusted).*

4. Size and number of animal(s) in chamber will vary the time required for death. Juvenile animals, reptiles, amphibians, rabbits, mustelids, aquatic birds, and some burrowing species may require higher CO2 concentrations combined with extended exposure times.

5. Let gas flow into the chamber for 7-10 minutes. Because CO2 is heavier than air, it replaces the air filling from the bottom. The chamber top is not airtight which allows air to seep out as it is displaced by the CO2.

**It's important to monitor the process so that adjustments to the gas flow may be made depending on the response of the animal.

6. If the animal is thrashing or gasping, the CO2 flow is too fast. Adjust the CO2 lower to allow the animal to get groggy then unconscious prior to death. If the animal is not responding to the gas, the flow may be too slow, adjust flow higher, in increments, monitoring for the animal getting groggy, then unconscious. In general practice, this should be within 7 to 10 minutes.

7. Once animal is unconscious, shut off the CO2 from the tank **BUT DO NOT REMOVE THE COVER OR ANIMAL**. Allow the CO2 to remain in the tank with the animal.

8. Leave the animal in the chamber for an additional 15-20 more minutes. Do not keep feeding the tank CO2. The whole process may take half an hour depending on expiration rate of an animal. Check for breathing, if animal(s) are not dead, repeat steps.

9. Open chamber and allow oxygen to flow back in. Be sure animal is dead; that it does not revive with the introduction of air before removing.

How the unit works:

The unit is NOT airtight by design. It is designed to allow the flow of CO2 to displace the air in the chamber causing death by Hypoxia (lack of oxygen).

Why would you want to dispatch using CO2?

- Dispatch by CO2 is an AVMA approved method
- Minimized pain, stress and anxiety to the animal
- Rapid unconsciousness
- Reliable method