CO₂ Easy Box system for Euthanasia

Simple to use

Automated

Safe

Affordable

Meets EU Norm

combi-vet®

Rothacher Medical GmbH
CO₂ Box system for Euthanasia

Post-experimental Rodents Euthanasia device

Our new CO₂ unit simplifies the euthanasia procedure. Particularly the prevention of stress in the animals. The Easy Box module is directly placed to the standarized Tecniplast cage box of type II or type III.

The procedure of CO₂ euthanasia is prepared less stressful for the animal and will be perfomed according to the selected cage volume. These requirements correspond to the 2010/63 / EU standards, which regulates the policy for experiments with the handling of the animal.

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The usage is very easy!

How does the system work?

The controller has an LCD screen and a simple keypad for selecting the settings and storage of multiple programs. The animals and the cage volume can be set respectively. A single button now starts the cycle. If a problem occurs during the procedure, the program stops the operation automatically.

Two LED lights indicate each module status:

- Prepare the cage on a table and remove the grill from the container.

Press the "Start" button

The CO₂ gas flows into the chamber and is automatically controlled in the filling phase (CO₂ feed pressure of 1 - 5 Bar 15-70 PSI)

The "Process" button will light up and the process is after approximately 11-15 minutes completed.

The green button "End" indicates the completion of the operation.

- When the CO₂ is evacuated at the end of the cycle, you will hear a sound signal, which indicates the end of the process. Thereafter, the cage can be emptied.

The device is then ready for the next gas cycle.
OPERATION DETAILS
The processes of all our systems are automated, safe and strictly reproducible. They consist of a filling, a maintenance and a gas extraction phase.

ORDER NUMBERS:

PS-0660 set  With Easy Box module CE, external power supply 220 - 240 V / 1.0 A 50 – 60 Hz
device Input 24 VDC, power cord, connecting hose CO₂

There are two Tecniplast Box adapters are available:

PS-0661  Box Adapter with seals, Type III cage, size 425 x 266 x 185 mm
PS-0662  Box Adapter with seals, type II cage, size 267 x 207 x 140 mm
(Please specify this when ordering)

PS-0663  Connecting hose CO₂ Easy Box module to the Absorber
PS-0664  CO₂ soda canister (single use)
PS-0665  CO₂ soda canister container with holder capacity is approx. 5 liters
PS-0667  Cage tecniplast type III

TECHNICAL DATA
Weight:  2.5 kg (depending on the Box adapter type II or type III)
Overall dimensions:  275 x 175 x 130 mm
Electrical power input:  24 VDC - 1A
CO₂ input:  1 - 5 Bar (15 - 70 PSI)
Extraction:  Diameter 22 standard hose