



## CO<sub>2</sub> Easy Box system for Euthanasia

Simple to use



Automated



Safe



Affordable



Meets EU Norm



combi-vet®



Rothacher Medical GmbH

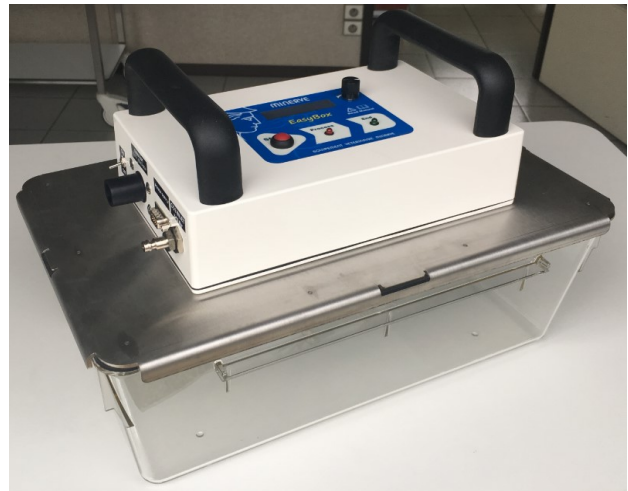
# CO<sub>2</sub> Box system for Euthanasia

## Post-experimental Rodents Euthanasia device

Our new CO<sub>2</sub> unit simplifies the euthanasia procedure. Particularly the prevention of stress in the animals. The Easy Box module is directly placed to the standardized Tecniplast cage box of **type II** or **type III**.

The procedure of CO<sub>2</sub> euthanasia is prepared less stressful for the animal and will be performed 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.

At the end of the cycle, the evacuation of the CO<sub>2</sub> gas will be extracted automatically from the outlet port of the CO<sub>2</sub> Easy Box to a Soda canister or a wall mount CO<sub>2</sub> inlet evacuation system.



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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 CO<sub>2</sub> gas flows into the chamber and is automatically controlled in the filling phase (CO<sub>2</sub> feed pressure of 1 - 5 Bar 15-70 PSI)

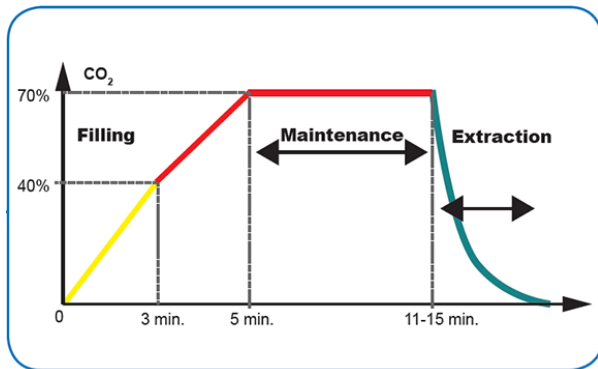
The "**Process**" button will light up and the process is after approximately 11-15 minutes completed.

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

- When the CO<sub>2</sub> 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.



Compliant with European Directive  
2010/63/EU

#### 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 CO<sub>2</sub>

**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 CO<sub>2</sub> Easy Box module to the Absorber

**PS-0664** CO<sub>2</sub> soda canister (single use)

**PS-0665** CO<sub>2</sub> soda canister container with holder capacity is approx. 5 liters

**PS-0667** Cage tecniplast type III

#### TECHNICAL DATA

<b>Weight:</b>	2.5 kg (depending on the Box adapter type II or type III)
<b>Overall dimensions:</b>	275 x 175 x 130 mm
<b>Electrical power input:</b>	24 VDC - 1A
<b>CO<sub>2</sub> input:</b>	1 - 5 Bar (15 - 70 PSI)
<b>Extraction:</b>	Diameter 22 standard hose