

Small Animal Euthanasia System

EU-300



Introduction

Euthanasia is the publicly recognized and humane process of killing experimental animals, that is, to achieve a quiet, painless death without panic or anxiety.

Experimental animals are used as substitutes for human beings in various scientific experiments, and the experimental personnel are obliged to give sufficient respect to the experimental animals, and to reduce the pain and suffering of the animals as much as possible when killing the animals.

Description

The small animal euthanasia system adopts the method of carbon dioxide hypoxia to kill, which can effectively reduce the pain and suffering of experimental animals compared with cruel methods such as decapitation and bloodletting. While ether is flammable and explosive, and carcinogenic to human body, carbon dioxide euthanasia is relatively safer than staff.

The system can automate large-scale animal anesthesia and euthanasia. During the operation, the temperature, humidity, oxygen and carbon dioxide concentration in the cabin are monitored in real time through the LCD screen, and the operation progress is real-time. Automatic adjustment of charge rate, time, maintenance, exhaust purge, etc. Suitable for: mice, rats, guinea pigs, rabbits and other animals.

Specifications

1. Highly automated, one-key operation, automatic inflation, maintenance, and exhaust gas removal;
2. Three operating modes: anesthesia mode, euthanasia mode, custom mode;
3. Adjustable parameters can be set: flow rate, ventilation time, maintenance time, waste gas treatment time, etc.;
4. Monitoring parameters: temperature, humidity, carbon dioxide concentration in the cabin, ambient carbon dioxide concentration;
5. Alarm function: if the threshold is exceeded or the operation is abnormal, an alarm will be prompted;
6. Automatic waste gas treatment and manual waste gas treatment function, which can quickly and automatically remove more than 95% of carbon dioxide waste gas in the box
7. Ensure safety: carbon dioxide monitoring and alarm outside the cabin to ensure the safety of experimenters;
8. Ultraviolet sterilization to prevent bacterial growth and pollution;
9. The size of the inner tank is 70cm*54cm*45cm (LxWxH) (each layer).
10. Click the print button on the main interface to print the data sheet or export the electronic file.

Configuration

Name	Model	Description	Unit
Small Animal Euthanasia System	EU-300	88.5cm*72.6cm*100.9cm	Holds 4 rat cages or 8 mouse cages

INTELLIBIO SARL

www.intelli-bio.com

contact@intellibio.com

Tel: + 33 (0)3 83 28 16 04

17 avenue du Général de Gaulle 54280 SEICHAMPS-FRANCE