**二氧化碳安乐死系统使用操作说明**

1. 检查通气阀门有无关闭，通气管连接处是否连接完好。
2. 将实验动物放入透明通气箱，盖好盖子。
3. 打开通气总控制阀门。由OFF转到ON。
4. 将转换开关拧至手动位，采用手动控制，调节流量计控制开关，流量调整至6L/min，持续1-2min，使动物渐渐进入麻醉状态。
5. 当所有动物趴至底部时，流量计开关调整至10L/min，持续10min，小鼠无呼吸或大鼠瞳孔散开，动物安乐死完毕。
6. 关闭流量计开关。
7. 将转换开关拧至停止位。
8. 关闭通气总控制阀门。由ON转到OFF。
9. 将动物尸体取出，装入自封袋，放入动物尸体间冰柜。
10. 将透明通气箱内清理干净，用消毒剂喷雾消毒箱体内部。
11. 盖上盖子，检查各阀门是否关闭。

**Operating instructions for CO2 euthanasia equipment**

1. Check if the ventilation valve is closed.Check the connection of the ventilation tube.
2. Put the laboratory animals into the transparent ventilation box,and then cover the lid.
3. Turn on the main ventilation control valve(Switch from “OFF” to “ON”).
4. Turn the transfer switch to the manual position, adjust the flowmeter switch to 6L/min for 1-2min, and make the animal gradually enter the state of anesthesia.
5. When all the animals lie on the bottom, adjust the flow rate to 10L/min for 10min. When the mice are not breathing or the pupils of the rats are scattered, the process of euthanasia is completed .
6. Turn off the flowmeter switch.
7. Turn the transfer switch to the stop position.
8. Switch the main ventilation control valve from ON to OFF.
9. Remove the animal carcasses , and seal them in a zipper bag and then store them in the freezer at the animal carcass room.
10. Clean up the transparent ventilation box and sterilize the inside of the box with a disinfectant spray.
11. Cover the lid and check whether all valves are closed.