



## Euthanex Chamber Operation



<b>Setup:</b> Place the exhaust tubing into the fume hood, then close the glass sash to the downward/closed position.
Turn the euthanex machine on by switching the "OFF" switch to the "ON" position located behind the machine. <ul style="list-style-type: none"><li>• When the machine is powered on, the white "READY" light will be illuminated.</li></ul>
Remove the cages from the housing room and bring them to the necropsy room. <ul style="list-style-type: none"><li>• Cages must be labeled with the "Please Euthanize" post it, barcode removed from cage, and Euthanasia request form submitted prior to euthanizing.</li><li>• Check with the area PAT or Facility Supervisor if one or more of the parameters are not met and DO NOT euthanize.</li></ul>
Remove the feeder from the cage and discard the used food.
Remove the used hydropac or water bottle from the cage and dispose of the hydropac into a used hydropac bin.
For lab products cages, place a lid with the filter removed on top of the cage. <ul style="list-style-type: none"><li>• For all other cages, keep the wire bar on the cage to prevent animal escape.</li></ul>
Check each cage for neonate pups. If present, use the "neonate" cycle which is longer.
Load the cages into the machine. <ul style="list-style-type: none"><li>• Each compartment holds a maximum of sixteen (16) mouse cages.</li><li>• When loading more than eight (8) mouse cages into the compartment, you may omit the lid from the top stacked cages.</li></ul>
Euthanize all animals in their home cage. <ul style="list-style-type: none"><li>• Combining cages is not allowed.</li></ul>
Close the chamber door and rotate the three (3) knobs on the front of the chamber door to lock shut. <ul style="list-style-type: none"><li>• Once the chamber doors are locked, the white "READY" light will be illuminated</li><li>• Contact the area PAT or Facility Supervisor if the red "FAULT" button is illuminated</li></ul>
<b>Cycle selection, start, and duration:</b> Select the appropriate chamber (A or A&B): <ul style="list-style-type: none"><li>• Rotate the switch counterclockwise to "A" if only the top compartment is being used.</li><li>• Rotate the switch clockwise to "A&amp;B" if the top and bottom compartments are being used.</li></ul>
Select the cycle based on the age of the animals present: <ul style="list-style-type: none"><li>• Select "Adults" if all animals in the cage are adult animals (no neonates present).<ul style="list-style-type: none"><li>o The cycle will take approximately 30 minutes to complete</li></ul></li><li>• Select "Neonates" if there are neonates present in any of the cages.<ul style="list-style-type: none"><li>o Contact the area PAT or Facility Supervisor for assistance with neonate identification</li><li>o Note: Pups that would typically need decapitation after CO2 exposure need to be run on the "Neonate" cycle</li><li>o The cycle will take approximately 90 minutes to complete</li></ul></li></ul>
Start the cycle by pushing the green "START" button <ul style="list-style-type: none"><li>• While the machine is running both the white "READY" button and the green "RUN" button will be lit</li><li>• After the cycle is completed the "RUN" light will turn off and only the "READY" button will remain lit.</li></ul>
<b>Emergency Shutoff:</b> If a cycle needs to be cancelled before it is completed, push the red "STOP" button. This will force the machine to exhaust the CO2 from the compartment(s). <ul style="list-style-type: none"><li>• After the exhaust cycle is complete, the compartment doors can be opened.</li></ul>
If the compartment doors are unlocked before a cycle completes, the machine will begin to auto exhaust the CO2 from the compartment(s).
If an emergency shutoff occurs, contact the area PAT or Facility Supervisor.
<b>Clean Up:</b> After the cycle is complete, remove all cages from the compartment(s).

Remove all carcasses from the cages and place them into a large carcass bag, tie off the bag and dispose of it in the designated carcass storage area.			
<ul style="list-style-type: none"> <li>• Comb fingers through bedding to ensure all carcasses have been removed from the cages.</li> </ul>			
Spray all filterless lids used with the approved disinfectant and return to the top of the euthanex machine			
Dispose of all other dirty caging and caging accessories to the dirty cage wash area			
Remove debris and spray the inside of the compartment(s) with approved disinfectant.			
Close and lock all compartment doors and turn the machine off by toggling the switch to the "OFF" position located at the back left of the machine.			
<b>Name:</b>	<b>Cal Net ID:</b>	<b>Any questions?</b>	
<b>Trainer:</b>	<b>Date:</b>	<b>Verified By:</b>	<b>Date:</b>
<b>Trainer:</b>	<b>Date:</b>	<b>Verified By:</b>	<b>Date:</b>