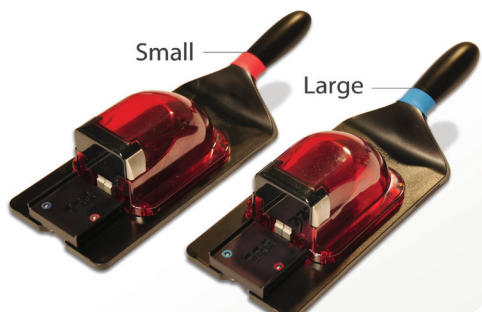


1 SELECT THE CORRECT RESTRAINT & NEEDLE CARTRIDGE



Step 1: Make an initial selection of the Restraint Cartridge (SMALL or LARGE) based upon whether mice are young adult, or adult.



Step 2: Pick up a mouse by its tail and place it on the Restraint Cartridge platform. Depress the tail grippers on the red dome cover, position it over the mouse tail, and release grippers.



Step 3 : Hold the tail across the v-groove, and starting with the smallest slot on the left, to the largest slot on the right of the Tail Gauge, determine the slot that fits the tail. The fit may be snug, but not tight. Do not use force.



Step 4: Read the Tail Gauge to confirm the correct Restraint Cartridge (SMALL OR LARGE) is used and to select the correct Needle Cartridge (YELLOW or GREEN dot).



Important Note: The Tail Gauge is to be held vertically and square with respect to the tail. Use the Tail Gauge on each mouse. Do not rely on age or weight to determine Restraint and Needle Cartridges.

2 INSTALL/CHANGE THE NEEDLE CARTRIDGE (50 IDs maximum)



Step 1: With the Applicator Machine powered ON, press the CHANGE NEEDLE button.



Step 2: Change the Needle Cartridge by pressing the forked end of the Tail Gauge onto the Needle Cartridge. (If no Needle Cartridge is installed, proceed to Step 3.)



Step 3: Install the appropriate Needle Cartridge on the gun-head.

Step 4: Press the CHANGE NEEDLE or START button to retract the Needle Cartridge.

3 INSTALL INK SLIDE INTO TAIL COVER (Note: Ink Slides are single-use only.)



Step 1: Clean the Tail Cover bottom of any debris that would prevent the bottom surface from fully contacting the Restraint Cartridge platform.

Step 2: Insert a new Ink Slide into the Tail Cover, ensuring that the two (2) positioning holes align.



4 APPLY TAIL OIL & POSITION TAIL COVER

IMPORTANT NOTE:

Clean the Restraint Cartridge platform of any debris that would prevent the Tail Cover from mounting flat onto it.



Step 1: Apply a thin layer of Tail Oil onto the tail and align the tail within the v-groove of the rubber tail bed.



Step 2: Align the color-coded Tail Cover holes over the matching alignment posts of the Restraint Cartridge platform, and lower the Tail Cover over the tail allowing the magnets to securely seat it in place.

5 APPLY ID



Step 1: Insert the Restraint Cartridge into the Applicator Machine.



Step 2: Once the Restraint Cartridge STATUS light turns green, enter the desired alpha-numeric characters (up to 3) to be tattooed.



Step 3: Press START to begin tattooing. (The STATUS light will begin flashing RED). Upon completion of the tattooing, the STATUS light will turn green again.

Step 4: Slide the Restraint Cartridge out of the Applicator Machine.

Step 5: Remove Tail Cover and gently wipe excess ink from the newly tattooed tail using gauze or cotton-tipped applicator and Tail Oil.

Step 6: Holding the mouse by its tail, depress the tail grippers on the dome to release the mouse from the Restraint Cartridge.

Step 7: Remove used Ink Slide from Tail Cover and discard it.

Step 8: Using alcohol or disinfectant, clean the Restraint Cartridge components as needed to tattoo the next mouse, or clean and store for the next session. See Cleaning below.



6 CLEANING

For best results and to preserve the life of the Needle Cartridge, inspect the Needle Cartridge after tattooing at least every 5 mice and clean the Needle Cartridge as necessary using a cotton-tipped applicator and Tail Oil. At the completion of the session, wipe down the Applicator Machine, all Restraint Cartridge(s) components, and Tail Gauge thoroughly according to your laboratory guidelines. Do not spray into the Applicator Machine port or the vents on the back.

	ETO	Irradiate	Autoclave	VHP	Spray/wipe	Chlorine dioxide gas
Applicator machine	•			•	•	•
Restraint cartridge	•	•	•	•	•	•
Ink slide (single-use)		•		•	•	•
Needle	•	•		•	•	•
Tail oil	•	•	•	•	•	•