



## The Sipper Sack® Animal Watering System

An Ergonomically Smart System for Individual Cage Watering

The Sipper Sack Animal Watering System is an innovative way to water your laboratory animals. The Sipper Sack concept is simple - use a sterilized, disposable sack and reusable drinking valve for individual cage watering. While a technician transfers animals during the cage change process, the system performs in-room, on-demand sack filling under the transfer hood's controlled environment. With Sipper Sack, you eliminate the ergonomic dangers, corridor clutter and labor cost associated with pre-filling, carting and storing water bottles.

## The Sipper Sack® System Overview

Sipper Sacks (available in clear or black) come in sealed, sterilized packs of 100, making them easy to place under the change hood. They are sterilized with ethylene oxide. Each Sipper Sack holds up to 450mL of water, enough to water five mice for 14 days.

The Sipper Sack Filler was engineered by EDSTROM Industries to be compact enough for use under transfer hoods. Operation is very simple, and the electronic controller allows the operator to choose the fill volume.

Water Distribution Piping supplies water to the filler. EDSTROM Industries has over 35 years of expertise in designing water distribution systems that provide excellent water quality. If you already have EDSTROM watering, the Sipper Sack Filler connects to a standard manifold interconnect. If you do not already have the piping, it is easily installed.

The innovation behind the Sipper Sack Drinking Valve is based on the patented EDSTROM valve design, used worldwide to water

research animals. Made from 316 stainless steel and silicone rubber components, this drinking valve can withstand chlorinated or acidified water and autoclaving. The valve does not leak or drip like sipper tubes, so cages stay dry.

Wire bar lid liners are needed to protect the Sipper Sack from animals chewing on it. A specially designed liner can be fitted to existing wire bar lids. The liners are designed to allow stacking and withstand the rigors of the cage wash. EDSTROM works with all cage manufacturers, so talk to your Sales Consultant to determine the appropriate liner for your caging.

The Disposal Cart is designed for simple, easy disposal of the empty Sipper Sacks. There will likely be some water remaining in the Sacks. The cart is designed to allow the water to drain out, making the sacks easy to dispose of. Made from stainless steel with autoclavable casters, the cart will hold up under daily use in the animal facility.

Water Purification and Treatment is very important for reducing experimental variables and protecting animal health. Using a Reverse Osmosis Water Purification System and a residual disinfectant in the water provides excellent water quality in the Sipper Sack.

