

Hydropac™

The AWS-5000 Pouch Machine The Most Advanced Lab Animal Watering System Ever Created.



AWS-5000
Pouch Machine

Historically, automatic watering or water bottles have been the only viable options for rodent populations. Now the Hydropac™ Alternative Watering System delivers incredible savings in costs, space, inventory, labor, and energy usage.

Using specially formulated Hydroseal™ Pouch Film and facility supplied drinking water, in just over five-and-a-half hours the AWS-5000 Pouch Machine produces an incredible 10,000 ready-to-use Hydropac™ pouches! Featuring a user friendly ergonomic touch screen control panel, this automated packaging machine produces either 13-ounce or 8-ounce (384 or 236 ml) pouches in any quantity you choose at a production rate up to (30-per-minute) 1,800 pouches an hour.

A Manifold Unit with Water Treatment Proportioner and Ultra Filtration Systems regulates water source pressure enabling continuous pouch production, while providing a precise and simple method for in-line injection of liquid additives. The Ultra Filtration System includes a 10-micron pre-filter with the option to add a series of three more filters that can remove virtually all microbes from the facility water to meet various needs. A range of optional support equipment provides reliable, efficient, and ergonomic methods of production, distribution and disposal of Hydropac™ Pouches.

- Produce water pouches in the quality and quantity of your choice, on demand
- Reduce labor, scientific variables, operating costs and ergonomic issues
- Produce sterile pouches through integration with the Manifold Unit with Water Treatment Proportioner & Ultra Filtration System
- Each specially formulated Hydroseal™ film roll produces 6,000 pouches
- Hydroseal™ film is compliant with FDA Direct Food Contact Guidelines
- Convenient method to produce emergency water supplies
- Pouches store compactly for extended periods



Manifold Unit

Reduce Per Diem Costs up to 75% or more with Hydropac™.

With an on-site AWS-5000 Pouch Machine for filling and sealing pouches, the revolutionary Hydropac™ system stretches your operating budget. Actual time and motion studies have proven a per diem cost reduction of over 75%. Hydropac™ makes caring for laboratory rodents more cost-effective, while keeping your animals healthier, happier and drier!



Hydropac™

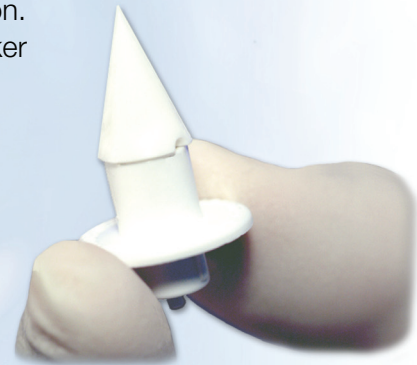
Hydropac™ Pouch and Valve



Physically, the revolutionary Hydropac™ pouch fits in your hand, but its impact is monumental. This alternative watering system changes everything about lab animal watering. The Hydropac™ pouch and valve system not only re-defines watering, it's a total rodent watering solution that offers fantastic cost-savings and outperforms traditional watering systems by every standard of measurement.

With Hydropac™, water is contained in a disposable, FDA grade flexible film pouch and delivered to the animal through a patented, sterile Disposable Valve™. This drip-free, single-use Hydropac™ drinking valve virtually eliminates the potential for cross-contamination. It conserves water and helps keep cages drier, while making cage changes quicker and easier, saving your valuable time and labor. Mice, rats, hamsters and guinea pigs—even weanlings—easily access water from the valve.

Eliminate the need to autoclave water by producing sterile pouches through integration with the Manifold Unit with Water Treatment Proportioner and Ultra Filtration Systems. Reduce labor and extend the useful life of cages by providing sterile water in pouches while in use with your animals for 2 weeks.



Master Carton for the
AWS-5000 Pouch Machine

Hydropac™ Pouch and sterile Disposable Valve™ assemblies, shipped in a Master Carton for the AWS-5000 Pouch Machine provide materials for approximately 72,000 single-use pouch and valves (12 rolls of Hydroseal™ Pouch Film and 12 cartons of valves). For your convenience and ease of use, the sterile (gamma irradiated) Disposable Valve™ is packaged 100 per disposable plastic tray.

Hydropac™ makes caring for laboratory rodents more cost-effective, while keeping your animals healthier, happier and drier!

- Sterile, single-use valve minimizes cross-contamination risk
- For mice, rats, hamsters and guinea pigs
- Weanlings access water easily (only 2 grams of pressure activates valve)
- Maintain sterile water in pouches while in use with animals for 2 weeks
- Quick and easy installation
- Stored for extended periods, pouches maintain water quality
- Works with Hydropac™ Modular Diet Delivery Systems
- Fits a wide variety of wire bar lid designs (with adapter)

