

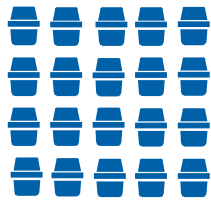
SPF Misting Station

Benefit Analysis

The Cirrus SPF Misting Station by Animal Care Systems automates the spray application of disinfectants used in research laboratory environments. Using the Misting Station improves the efficiency of your laboratory while increasing animal and technician safety. Productivity gains realized by using the Misting Station save hundreds of hours annually per technician.

Time Savings

The Misting Station disinfects 20 lab cages in the average time it takes to manually disinfect a single cage.



Misting Station

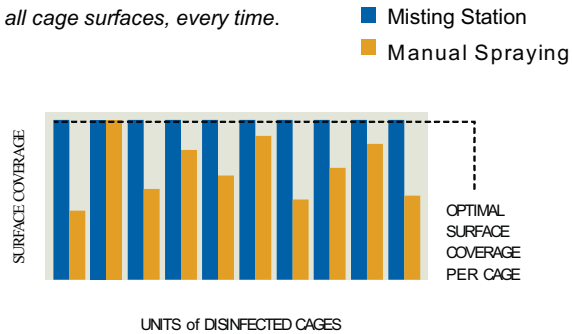
THE MISTING STATION
STREAMLINES CAGE
DISINFECTING 20:1



Manual Spraying

Coverage Consistency

Human error and fatigue are minimized as an automated, mechanized spray pattern is applied to all cage surfaces, every time.

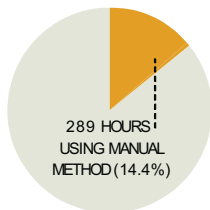


Budget Savings, Time Gained

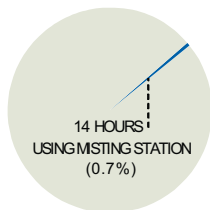
With the Misting Station in use, lab technician productivity for this activity is vastly improved, resulting in annual savings of \$5,500¹.

Using the Misting Station enables technicians to pursue other weekly, monthly, and yearly lab duties, or continuing education and certification training.

ANNUAL TECHNICIAN TIME ALLOCATION
(Based on 2,000 Hours/Year FTE)



Manual Spraying



Misting Station

¹ Based on 200 cages handled per day at a pay rate of \$20 per hour.

Occupational Health

The Misting Station enhances occupational health.

	Improved Ergonomics	Reduced Overspray	Reduced Inhalation & Eye Contact	Reduced Repetitive Stress Injuries
Misting Station	●	●	●	●
Manual Spraying	⊘	⊘	⊘	⊘

Animal Safety

Use of the Misting Station results in safer handling, and improved conditions for the animals.

	Two Hands on Cage at all Times	Reduced Cage Jostling	Less Stress (Quicker Procedure)	Fewer Dropped Cages
Misting Station	●	●	●	●
Manual Spraying	⊘	⊘	⊘	⊘

To control the spread of specific pathogens, many vivarium Standard Operating Procedures require spray application of a disinfectant to the exterior of animal cages during all cage handling operations. The most effective disinfectants (such as Clidox or MB-10) are highly corrosive to metal and most plastics, resulting in the ongoing replacement of disposable hand sprayers used for this task. Hand sprayers are slow and often cause repetitive stress injuries, without providing any guarantee of consistent disinfectant coverage.

The SPF Misting Station uses advanced materials that withstand corrosion. It uniformly disinfects an animal cage in less than 1 second. A pressurized spray wand ensures room equipment spray-downs are easy and efficient, without hand fatigue or injury. This functionality literally saves hours each day and facilitates a more productive and effective research environment.

