

DISINFECTION ADD-ON Technical Specifications

Neo 2+ Disinfection
Add-On
by Avidbots™

Electrostatic Spray Technology Summary

Electrostatic spray technology is the most efficient method to ensure uniform 3-D coverage on surfaces, including ones hidden or indirectly sprayed. An electric charge is applied to the disinfectant solution creating double-charged particles that repel each other, allowing them to easily wrap around surfaces. This proven approach produces a thin, even spray pattern that also ensures disinfection chemicals do not dry out in the air before reaching the target, effective coverage and proper dwell time on high touch surfaces.



360

Fully wrapped for complete disinfection



40 µm

Fine and uniformly atomized droplets

PHYSICAL

Spray Technology	Electrostatic
Spray Coverage	Indirect up to 360°
Target Height Range	Min: 41 cm (16") / Max: 132 cm (52")
Nozzle Spray Size	40 micron full cone
Flow Rate	160 mL (5.4 oz) per minute
Tank Capacity	11.35 L (3 gal)
Total Continuous Disinfection Time	70 min
Weight (no disinfectant solution)	Neo would increase by 18.1 kg (40 lbs)
Weight (with disinfectant solution)	Neo would increase by 29.5 kg (65 lbs)

DISINFECTION

Average Disinfecting Speed	0.4 m/s (1.31 ft/s)
Run Time	70 min
Recommended Disinfectant	Aquox™ Disinfectant 525*

SAFETY, REPORTING AND OPERATION

Obstacle Avoidance	Neo will slow down, stop spraying and adjust course to continue
Warnings	Audio and visual, on screen messaging prior to start and during operation
Operation	Autonomous and manual operation
Reporting	Full reporting available on Avidbots Command Center which includes: <ul style="list-style-type: none">▶ Number of successful disinfections▶ Total time spent disinfecting▶ Total area disinfected▶ Total chemical used

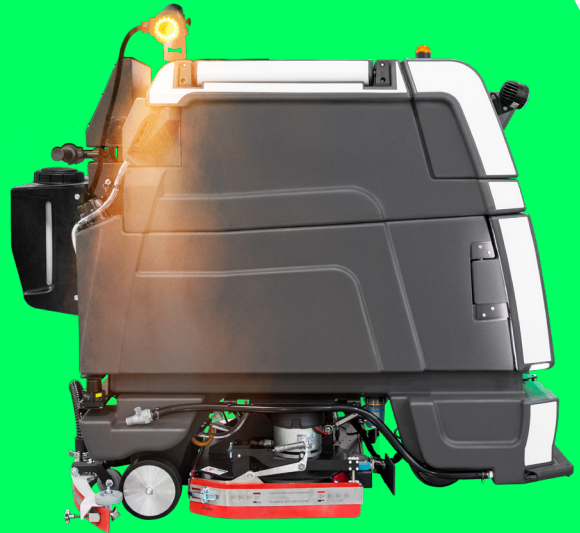
*To be used as directed by the manufacturer.

µm = micrometers

Specifications accurate at date, subject to change due to regular research.

Why Avidbots?

Buying an Avidbots Neo isn't just buying a floor scrubber. It's investing in a technological future that can redefine your cleaning function, making it more productive, more cost effective and easier to run. More importantly, our robotics and AI technology open up new opportunities to make your business even more successful. We realize this isn't just about buying a product, or a technology, or even a business proposition. You want to buy into a trusted partner who can take you into the future of automated operations using cutting edge robotics. At Avidbots, we work side-by-side with our customers to earn that trust and realize all the benefits that robotics can bring them.



About Us

Avidbots is a robotics company with a vision to bring robotic solutions into everyday life to increase organizational productivity and to do that better than any other company in the world. Our groundbreaking product, the Neo autonomous floor scrubbing robot, is deployed around the world and trusted by leading facilities and building service companies. Headquartered in Kitchener, ON, Canada, Avidbots is offering comprehensive service and support to customers on 5 continents.

Contact us now for a meeting

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