Neo™ for Healthcare Facilities

Meet Neo, the autonomous floor-scrubbing robot keeping floors healthy in healthcare facilities.
In medical facilities like hospitals—where patients, staff and equipment are constantly on the move—facilities managers face unique challenges. They must ensure their industrial floor cleaner goes above and beyond to keep their buildings spotless, healthy and safe. With miles of corridors and visitors coming and going at all hours, it’s no easy task.

Forward-thinking healthcare systems have already learned what Neo can do, deploying fleets of Neos throughout their facilities. The Neo autonomous floor-scrubbing robot from Avidbots provides an intelligent approach to floor cleaning, boasting smart navigation, easy operation and a wide range of cleaning features. Neo’s intuitive operation and versatile cleaning applications ensure a high level of productivity, uptime and efficiency you won’t find in traditional cleaning models.

Keeping Active, Around-the Clock Healthcare Facilities, Clean and Safe

**YOUR CHALLENGES**

- Inadequate staffing due to budget constraints
- Regulatory oversight related to cleanliness and disease prevention
- Strict requirements to meet health and safety standards
- Demands for performance measurement and tracking
- Fluctuating seasonal cleaning needs
- Patient and staff satisfaction
Avidbots Neo: A Deeper Clean for Medical Facilities, Driven by Artificial Intelligence

The Neo automated robot floor scrubber is deployed throughout healthcare system facilities, keeping floors clean, disinfected and safe for patients and staff. The Avidbots AI Platform enables Neo to automatically navigate and clean hard floors, with superior results.

Automated Navigation and Cleaning
The Neo industrial floor cleaner is easy to set up and operate, requiring minimal training or programming. Once cleaning is underway, with the Avidbots AI Platform, Neo automatically detects obstacles and dynamically updates its route—maximizing cleaning time and performance. As your floor plan evolves with the seasons, changes can be synced to the robot in seconds.

Simple, Versatile Cleaning Controls
Neo’s simple setup and intuitive operator interface makes it easy for anyone to use. With a simple command it can be switched into manual mode. Once the manual cleaning is completed, it is easily switched back into automated floor scrubbing mode. Friendly touchscreen interface and manual steering option supports easy deployment in healthcare facilities. With simple configuration settings Neo suits a wide range of floor types and cleaning tasks.

Safe, Secure Operation
With the Avidbots AI Platform, Neo has dynamic planning capabilities allowing it to adapt to changes in the environment. Additionally, Neo has advanced real-time obstacle avoidance. With 14 sensors, Neo has an industry-leading 360° visibility. The state-of-the-art technology combined with e-stop buttons, bumpers, beacon and integrated signaling lights and a sound system that talks to you, makes Neo the best in keeping the operational environment safe.

A Team of Experts at the Ready
With Avidbots Remote Assistance, you’ll get 24 x 7 real-time operational tracking and servicing by Avidbots technicians to maximize the industrial floor cleaner’s uptime. Our map editors, technical support team, deployment specialists and account managers are here to help you launch and optimize your cleaning program.

Advanced Performance Reporting
Avidbots Command Center, our proprietary web-based software, enables you to monitor, manage and track your Neo—or an entire fleet of robots—remotely and in real time. You’ll be able to access highly detailed reports of every cleaning operation, including precision productivity metrics and sector-level coverage maps. This provides you with a level of oversight and performance measurement that you won’t find in other commercial floor scrubbers.

We chose Avidbots Neo as we felt the innovative technology and safety features, combined with the superior level of direct support, were a winning combination. Our customers are excited to have Neo in their facilities and HHS has been able to hit our target ROI in the deployments.

— Bobby Floyd, CEO of HHS’ Healthcare Division
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 floor cleaning. 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 bringing robots to everyday life to expand human potential. 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 a 100% vertically integrated technology company offering comprehensive service and support to customers on five continents.

Contact us now for a meeting

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