



FOOTWARE SANITIZING SYSTEM

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(Footwear sole sanitizing system):

Talpalav system as the name says, Sole Spray. Tal in Sanskrit Means sole and Palav in Sanskrit means spray.

Microorganisms have the ability to cross contaminate floors, food processing Units, Nutraceutical plants, Pharmaceutical plants, Clinical research labs and Clean rooms by attaching themselves to the soles of workers soles and boots. This can be responsible for many outbreaks of Pathogenic contamination such as Blusterier, E.coli or salmonella.

Emerge Hygiene's Talpalav comes with a Footwear Sole scrubber to remove Dirt and Dust from the shoe sole and the footwear Sanitizing system casts an additional layer of Microorganism and Pathogen protection by spraying a fine mist of sanitizer on the shoe sole of the workers thus reducing the spread of Infection and cross-contamination from footwear before employees enter the production area or other critical control zones.

Emerge Hygiene's Talpalav comes in two Variants:

- Manually Operated
- Pneumatically Operated.

Manually Operated Talpalav does not need any power source and will sanitize both shoe bottoms at the same time by simply pulling the activation handle which would spray approx 12 ml of sanitizer on both shoe bottom.

Pneumatically Operated Talpalav works on Pneumatic technology, thus would need a compressed air connection for Operation. This also will sanitize both the shoe bottom at the same time by standing on the unit and the pneumatic switch placed beneath the left leg would help spraying a fine mist of 14 ml of sanitizer on both the shoe bottom.

Less consumption of chemical will minimize chemical waste and Improve Moisture control.

This system is designed to use all kinds of sanitizers.

Highlights / Features about the system:

- Easy-to-use sanitation for entryways and transition zones.
- Footwear scrubbing would remove the excess Dirt and dust on the footwear sole
- The manually and pneumatically operated pumps deliver a consistent amount of sanitizer per spray.
- The Spray pattern ensures even coverage across shoe sole.
- Collection basin in the system has a ball valve for draining out used and contaminated sanitizer thus avoiding any human intervention unlike other systems.
- Includes 1.5 gallon chemical jug with quick-connect chemical line fittings and also can be attached to a 13 gallon carboy container.
- The system comes with a Durable stainless steel frame and body, Spray guard prevents overspray.

Applications areas:

- Food processing facilities
- Nutraceutical plants
- Pharmaceutical plant
- Clinical research labs
- Clean rooms
- Operation Theatres



Technical Details :

Talpalav Footwear Sanitizing System (Manual)

- Material : SS304
- Type : Hand Stroke Pump

Features :

- Easy-to-use sanitation for entryways and transition zones
- Low-moisture system
- Air-operated pump delivers a consistent amount of sanitizer (0.2 oz/5.91 mL) per spray
- Spray pattern ensures even coverage across shoe sole
- Collection basin is easy to access or swap out for cleaning
- Spray guard prevents overspray
- Draws from pre-mixed solution
- Includes 2.5 gallon jug with suction hose

Cleaning Requirements

- drain connection – ¼ Nptm with Valve
- open frame with drain



Model No: FSS-M

Talpalav Footwear Sanitizing System (Pneumatic)

- Material : SS304
- Type : Hand Stroke Pump

Features :

- Easy-to-use sanitation for entryways and transition zones
- Low-moisture system with Pressure Regulator
- Air-operated pump delivers a consistent amount of sanitizer (0.2 oz/5.91 mL) per spray
- Spray pattern ensures even coverage across shoe sole
- Collection basin is easy to access or swap out for cleaning
- Spray guard prevents overspray
- Draws from pre-mixed solution
- Includes 2.5 gallon jug with suction hose
- Required Air connection

Cleaning Requirements

- drain connection – ¼ Nptm with Valve
- open frame with drain



Model No: FSS-A

Footwear Manually Scrubber

- Material : SS304
- Brussels – Bar Nylon x 3

rugged, single boot scrubber. When a user steps onto the platform, the system is activated and diluted cleaning solution is sprayed onto the boot and brushes. The user moves their boot back and forth through the brushes supplying the mechanical scrubbing action. ideal for tight spaces and low traffic applications.

Features :

- Solid member stainless steel frame construction and hand rail
- One removable sole brush and four removable vertical side brushes
- With Microfiber Dust Absorption Mat

Cleaning Requirements

- No drain connection - open frame with no drain



Model No: FDS-M

Footwear Motorised Scrubber With Handle

- Material : SS 304
- Brussels – Circular Nylon x2

Features :

- Solid member stainless steel frame construction and hand rail
- Two rotating side brushes and one rotating horizontal sole brush clean boot sides and sole
- Two stainless steel right angle gearboxes for vertical side brushes with handle
- Stainless steel electrical enclosure with variable speed drive, timer
- Photo eye sensor mounted on handle for unit activation
- Removable stainless steel access grate
- Stainless steel washdown rated 1/2 hp motor and worm gear reducer
- Power 230vac
- With Microfiber Dust Absorption Mat

Cleaning Requirements :

- No drain connection - open frame with no drain Collection Tray



Model No: FDS-A

Valuable Customer



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