



**UVC SURFACE DISINFECTION AUTONOMOUS ROBOT**

The mUve™ robot has the category’s highest UVC germicidal intensity, capable of fast and thorough (99.9%+) disinfection of all surface contagions, including bacteria (e.g. *Staph*, *MRSA*, *pneumonia*), spores (e.g. *mold*), and viruses (e.g. *coronavirus and flu*).

**KEY BENEFITS, ATTRIBUTES, AND FEATURES**

- Engineered UVC beam forming concentrates added disinfection power into a defined 120 degree beam
- Its high UVC intensity allows thorough disinfection even when moving at speeds up to 6 feet in 4 seconds, approximately 10,000 sq.ft per hour
- Second UVC lamp on the robot’s base performs floor disinfection
- LiDAR and other safety sensors let the robot detect people and objects for safety and fluid operation, assisted by verbal warnings and programming to stop operation if humans are within 5m of the robot
- Advanced robot intelligence is capable of data mapping over 2 million square feet of space when performing scheduled disinfection service, and works without requiring a Cloud connection
- Quick battery change-out for continuous operation
- Designed for supervised operations while able to complete complex and lengthy tasks without human intervention
- Slender body profile allows robot to travel through almost any area that a human can travel



**PRODUCT SPECIFICATIONS**

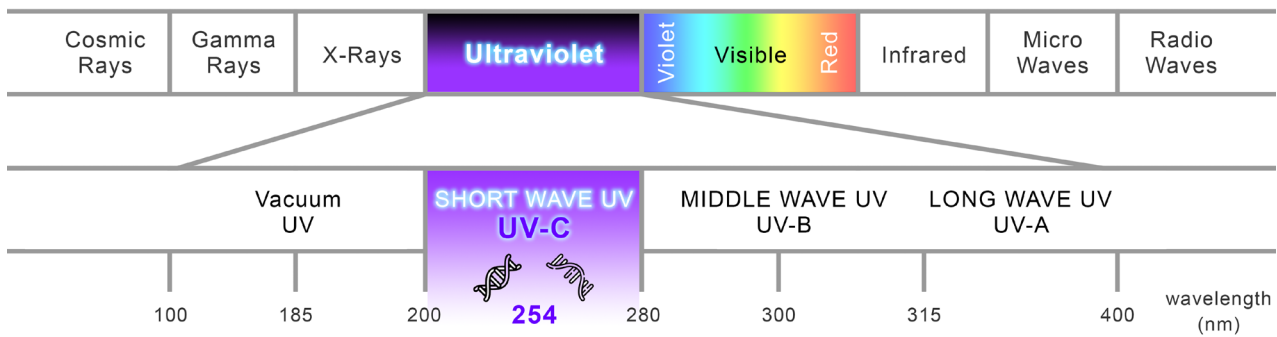
Size	19.69" diameter 68.89" height 228 lbs
UV-C	Mercury (amalgam) quartz tubes 254 nm major spectrum 475 Watt UVC quartz lamp producing 142.5 Watt UVC
Surface Disinfection Speed	18 inches/sec designed for 99.99% disinfection at 1 meter from the UVC lamp
Charging	8 hours or quick battery change out for continuous operation
Operating Time	~3 hours with main UV lamp per battery
Wheels	Two rubberized 6.69" diameter drive wheels plus additional rubberized casters for support, balance, and tilt prevention
Effective Lamp Life	10,000 hours (~2 years with 12 hours per day operation)
Warranty	10,000 hours rated UVC quartz lamp (1 year warranty)  1 year warranty on robot



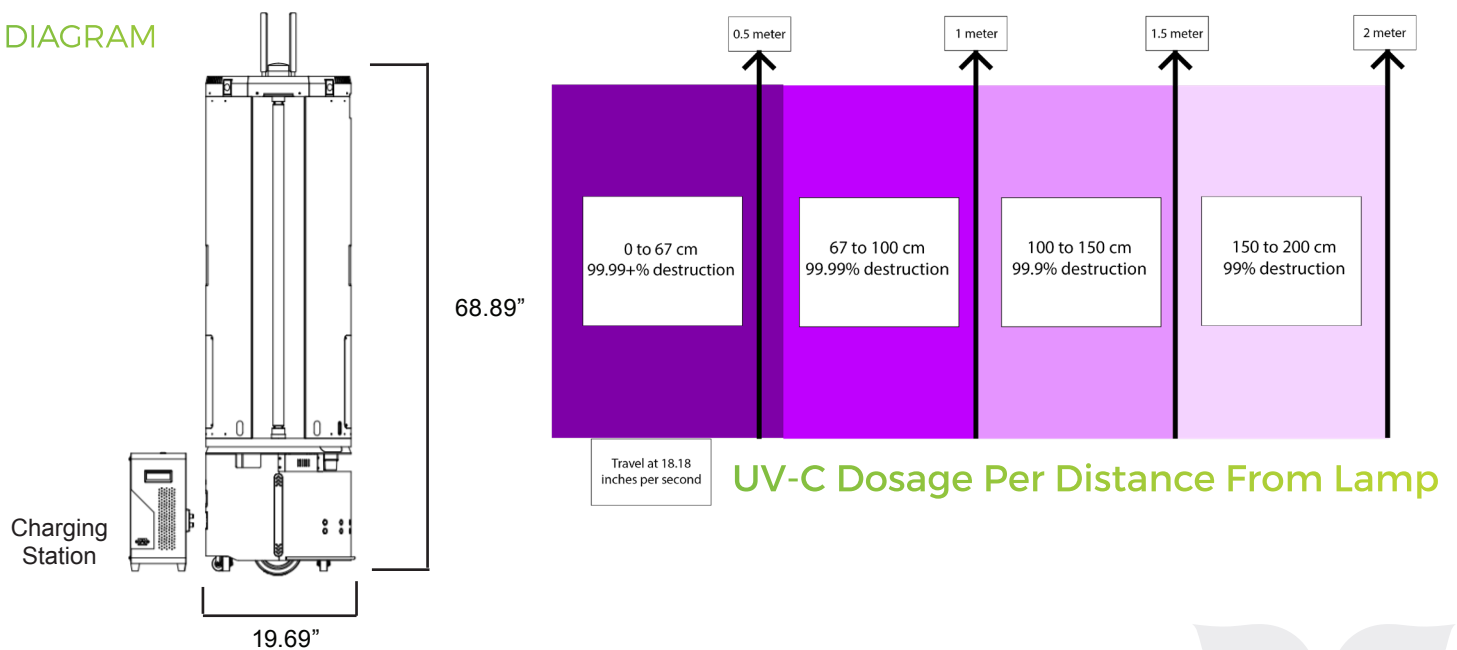
## PRODUCT SPECIFICATION

PRODUCT	SKU	DESCRIPTION
UV Robot	MUVE-UVCD-R1	UVC Surface disinfection robot

## UV in the Electromagnetic Spectrum



## DIAGRAM



## UV-C Dosage Per Distance From Lamp

