

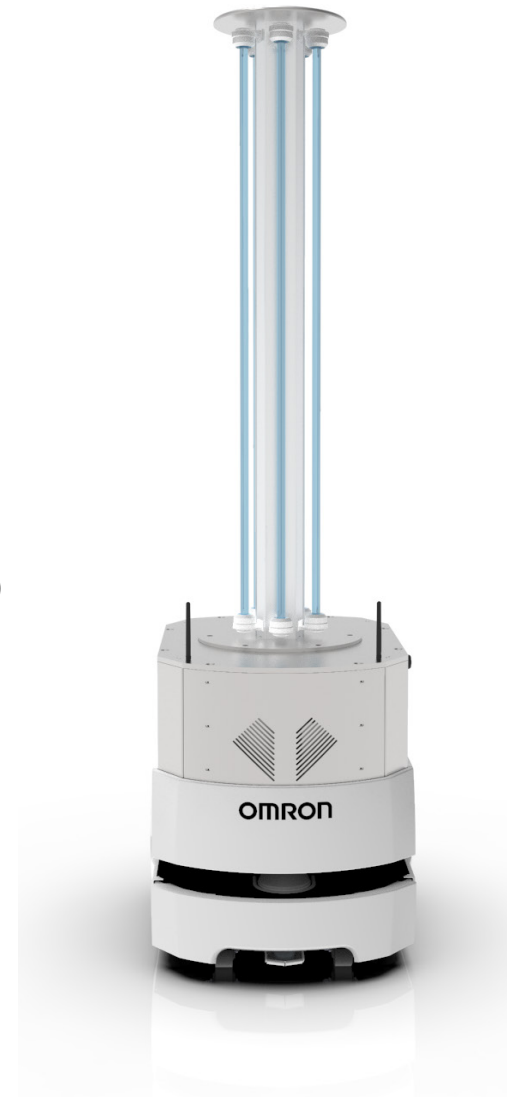
UV-PENTALIGHT-MOBILE

KEY FEATURES

UV-PENTALIGHT MOBILE navigates autonomously and disinfects premises including the high-touch areas by eliminating 99.90% of bacteria and viruses -both airborne and droplet- by delivering the precise dosage of UVC energy. Equipped with lasers and Passive Infrared (PIR) Motion Sensors, for obstacle detection & avoidance, the LD UVC robot maneuvers through narrow corridors, elevators, and even automatic doors seamlessly.

It also shuts off its UVC light upon human detection, ensuring impeccable safety for human beings. Suitable for indoor spaces, the robot follows a mapped route, reducing the requirement of manpower resources dedicated for manual cleaning. Features like a bumper, sonar and emergency stop render additional safety. The machine has an automatic charging system and smooth touch interface for control.

- 5 lamps, 360° irradiation (5x120W High Output lamps 18,000 hrs life)
- Fully Autonomous navigation system, Mapping System to cover whole area with high level disinfection treatment
- Report indicating of Time / Zone disinfection
- Autonomy : 5 hrs
- Battery Capacity : 72 Ah
- Motion sensor on each side to switch OFF lamps automatically in case of personnel entering the room
- Remote control to switch ON / OFF the system and check treatment status
- Visual indicators on top (orange /red / green) to indicate treatment starting / interrupted accidentally / finished
- Treatment of 99,99% should be accomplished within 5 minutes. (University tests results proven, following FDA standards)
- Weight : 80 kg
- Charge Station Provided



Technical data

UV-PENTALIGHT-MOBILE	
LAMP LIFETIME (hour)*	≤ 18.000 hrs
CONSUMPTION (W)	600 W
LAMP SIZES	46 inches, T5, High Output lamps
WEIGHT (Kg)	around 80 kg
ROBOT UNIT	OMRON
REPLACEMENT LAMP	N°5 CHS-120WH

TECHNICAL DRAWINGS

