

Data sheet

Octopus Biosafety OB

Decontamination



Misting system



SYSTEMS	<ul style="list-style-type: none"> . Atomisation module = DSVA (airborne disinfection of surfaces). . Sensors pack (temperature, humidity).
USE	<p>Daily when humans are not present – Misting in a targeted space:</p> <ul style="list-style-type: none"> . Airports . Shopping centres . Medical institutions . Warehouses . Agri-food factories . Other establishments open to the public (ERP)
APPLICATION	<p style="text-align: center;">DISINFECTION</p> <p>Uniform diffusion of biocides on to all surfaces and into air spaces. Reduction in microbe content:</p> <ul style="list-style-type: none"> . Bacteria . Viruses . Fungi, yeasts . Spores
TARGETS	<ul style="list-style-type: none"> . Surfaces (floor, walls, ceiling) . Ambient air
LOCATION & ACTIONS	<p>DSVA module located on the sides of the robot. Dry misting (microparticles).</p>
TREATMENT	Autonomous robot, no human intervention during operations.
BENEFITS:	<p>Improvement in health:</p> <ul style="list-style-type: none"> . Prevention of risk of infection . Destruction of multidrug-resistant pathogens . Suitable response to severe contamination, pandemics or bioterrorism <p>Improvement in the safety of operators:</p> <ul style="list-style-type: none"> . No human intervention required during operations . Limitation of operators' exposure to pathogens . Limitation of operators' exposure to treatment products
HEALTH SAFETY	
VERSION	OB
	<ul style="list-style-type: none"> . Atomisation module . Sensors pack
(*) SENSORS PACK	The robot is equipped with sensors detecting temperature and humidity.
DISINFECTANTS / SANITISERS TESTED	Targeted or broad-spectrum biocides: Acetic acids, Essential oils, Chlorine dioxide, bis(Acetic acid) (peroxymonosulfate), Pentapotassium bis(sulphate), Chloramine T, Quaternary ammonium compounds and Glutaraldehyde.
POWER SUPPLY	Battery (100Ah)
BATTERY LIFE	4 to 6 hours
CHARGE TIME	3 hours
BATTERY RECHARGING	Mains or automatic charging dock (optional).
DIMENSIONS (mm)	1120 X 1400 X 800

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Quantity of biocide diffused per m ³ (volume concentration)	8.00	ml/m ³	
Maximum output	120.00	ml/min	
	7,200.00	ml/h	
Volume (m ³) disinfected per hour	900.00	m ³ /hour	
In-built tank capacity	15.00	litres	
Building surface area (2,000m ²)	2,000.00	m ²	
Sphere of efficacy (Targeted height - angle of misting pipes: 30°)	1.50	m	
Volume to be disinfected	3,000.00	m ³	
			Number of operational robots
Intervention time (1)	00:30:00	hour	6
Intervention time (2)	01:00:00	hour	3
Intervention time (3)	03:00:00	hour	1

Automatic treatment

