

CETUS (anti COVID19) Automatic Sanitation System

CETUS device represents an innovation in vehicle sanitation and contributes to the fight of COVID-19 virus spread.

The system uses the ultrasound nebulization technology for the vehicle cabin sanitation. It allows technologic and organization solutions that reduce the contamination risk and guarantees the safety of people on board.

Improvements compared to manual sanitation:

- No touch operation
- More sanitation cycles
- Sanitation cycle time reduction
(max 10 minutes)



Technical Specifications:

Characteristic	Unit	Value	Remarks
Vehicles		Taxis, Ambulances, Buses, RVs	
Weight	g	2750	
Tank capacity	L	1,4	
Cycles with full tank	n	200	
Nominal Voltage	V	12 or 24	DC
Min-Max Voltage	V	6 – 32	DC
Dust Ingress Protection		IP50	
Short circuit protection		Total	
Electrical disturbance protection	V	+37 to +50	
Polarity inversion protection	V	-28	
Microprocessor	bit	32	
CAN interface	kbps	500	3 CAN
Activation		CAN interface or pushbutton	
Stand-by energy consumption	mA	140	
Sanitation energy consumption	mA	930	
Off-key energy consumption	µA	10	
Operating temperature	° C	0 / +85	

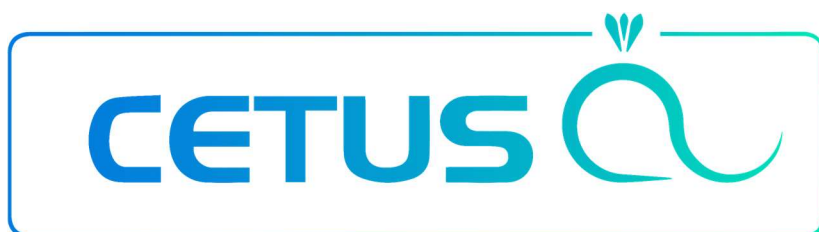


Via Yuri Gagarin 31
42123 Reggio Emilia
Italy

Tel. 0522 361134

www.cetuscare.com

cf3000@cf3000.it



DP.03.OCTM.70.09.A.EN Cetus

EFFICACIA BIOLOGICA

MICROORGANISMI	STANDARD	RID	TEMPI	LABORATORIO
Bacillus cereus	EN 13704 Sporicida	>3 Log.	45 min	Università di Cagliari
Candida albicans Saccharomyces cerevisiae Aspergillus flavus Aspergillus niger DBS Collection Penicillium chrysogenum	EN 1650 Fungicida	>4 Log.	30 min	Università di Cagliari
Staphylococcus aureus MRSA Listeria monocytogenes Pseudomonas aeruginosa Escherichia coli E. coli Serotype 0157:H7 Salmonella enteritidis Legionella pneumophila	EN 1276 Battericida	>5 Log.	5 min	Università di Cagliari
Bacillus subtilis	EN 14347 Sporicida	>3 Log.	30 min	Università Vita-Salute San Raffaele Milano
Mycobacterium terrae Mycobacterium avium	EN 14348 Micobattericida	>5 Log.	15 min	Università Vita-Salute San Raffaele Milano
Pseudomonas aeruginosa Staphylococcus aureus Enterococcus hirae	EN 13727 Battericida	>5 Log.	5 min	Università Vita-Salute San Raffaele Milano
Poliovirus Adenovirus Norovirus	EN 14476 Virucida	>4 Log.	15 min	Università Vita-Salute San Raffaele Milano
Bacillus subtilis	AFNOR NF T72-190 Sporicida su superfici	>3 Log.	120 min	Università Vita-Salute San Raffaele Milano
Mycobacterium terrae	AFNOR NF T72-190 Micobattericida su superfici	>3 Log.	120 min	Università Vita-Salute San Raffaele Milano
Pseudomonas aeruginosa	EN 14561 Battericida su superfici	>5 Log.	120 min	Università Vita-Salute San Raffaele Milano
Clostridium difficile	Test Lab	EFFICACE		Policlinico Universitario
Klebsiella KPC Acinetobacter baumannii Enterococcus faecalis Stafilococchi coagulasi-negativi	Test Lab	EFFICACE		Lab. Microbiologia Azienda USL 12 Regione Toscana
Virus Influenzale Tipo A-H1N1	Test Lab	EFFICACE		Università di Sassari
Mycobacterium tuberculosis*	Test Lab	EFFICACE		Lab. Microbiologia e Virologia Ospedale Careggi Firenze
Enterococcus faecalis* Serratia marcescens* Klebsiella pneumoniae ESLB* MDR Acinetobacter baumannii complex*	Test Lab	EFFICACE		Lab. Microbiologia A.O. "A. Manzoni" Lecco

*Prodotto con stessa formulazione, diverso nome commerciale.

>: significa superiore. Sono indicati i minimi richiesti dalle normative. Nella maggior parte dei casi Medisystem ha raggiunto i 6 Log. di riduzione