

STERYBOT®

UV-C disinfection

TECHNICAL DATA



METRA
Metra Labs
mobile robots
robots that inspire

state 08/02/2023

GENERAL SPECIFICATIONS	STERYBOT® base	STERYBOT® pro
weight [kg]	72	74
dimensions (LxWxH) [mm]	500x500x1525	500x500x1530
max. speed [m/s]	1	
max. operating time per battery charge [rooms each 25m ²]	4-8 rooms	
disinfection time [min each 25m ²]	15	10
cover	360°	
minimum passage width [cm]	80	
ground slope	7°	
ground clearance [mm]	15	
app operation	Yes	
BATTERY		
type	LEMP	
nominal capacity [Ah]	60	40
operating voltage [V]	26	
lifetime	≥ 1500 discharge cycles (80% DOD)	
rate of self-discharge [%]	≤ 3	
charging time (0% zu 80%) [h]	2	

UV-C LAMPS	STERYBOT® base	STERYBOT® pro
type	low-pressure mercury vapor discharge lamp with glass bulb	
lifetime [h]	max. 9000	
wavelength	254 nm (UV-C)	
max. operating time per battery charge [rooms each 25m²]	4-8 rooms	
SAFETY		
safety laser scanner (horizontal)	Yes	
3D front camera	Yes	
photocells	Yes	
automatic switch-off	Yes	
acoustic warning system	optional	
bumper	Yes	
software	CogniDrive®	
use when people are present	No	