

DCXplus

BRAINCON®
technologies

Intelligent & fastest Airborne Disinfection of
Surface, Room and Air

efficient.
innovative.
safe.

The DCXplus device is the newest and smallest member of the DCX product line. Mobile and to be controlled and monitored from anywhere, this system is suitable for routine decontamination even in confined spaces. With DCXplus, multi-resistant hospital infections, including those which are typically considered difficult to deactivate, harmful fungi bad smells and all types of viruses, spores and bacteria are neutralized and inactivated within just 30 minutes.

Inactivated multidrug-resistant germs: MRSA (Methicillin resistant *S.aureus*), Human Norovirus, Clostridium Difficile, *P. aeruginosa*, *E. coli*, *C. albicans*,



Routinely decontaminations couldn't be easier.
Up to 16 DCX systems can be controlled with a single tablet via WLAN, thus providing insight into the status of the processes at any time.

The battery operation enables you to carry out decontamination quickly and efficiently.
DCXplus also available with no Display and no battery powered (DCXplus LC/ LowCost Edition)

Scientific evidence
shows: 99,9999% cleared within 30 minutes

Biological indicators *Geobacillus Stearothermophilus* is a spore producing bacterium and is recommended by the RKI* for the validation of decontamination procedures. Sufficient tests with DCX-Technology show a Log6-reduction after just 30 minutes.

*RKI, Robert Koch Institut

Technical Specs

Dimension mm (L / W / H)	410 x 610 x 915
Weight	approx. 22 kg
Voltage	80-240 V/ 50 Hz
Power	max. 300 Watts
Room volume	up to 500m ³
Protection class	IP20
Isolation class	Class I

External connection

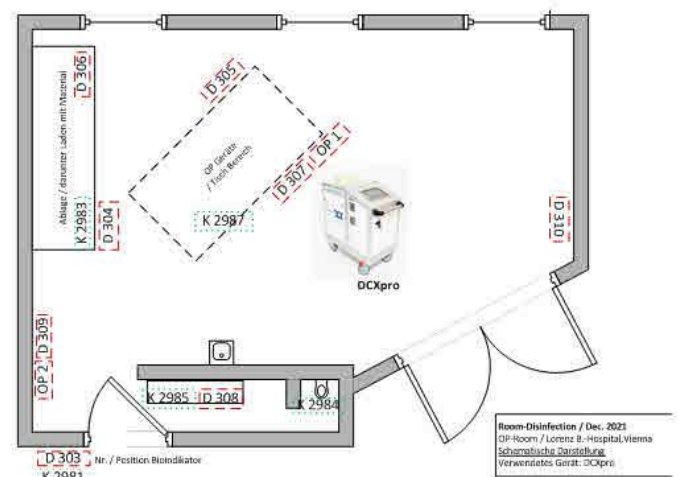
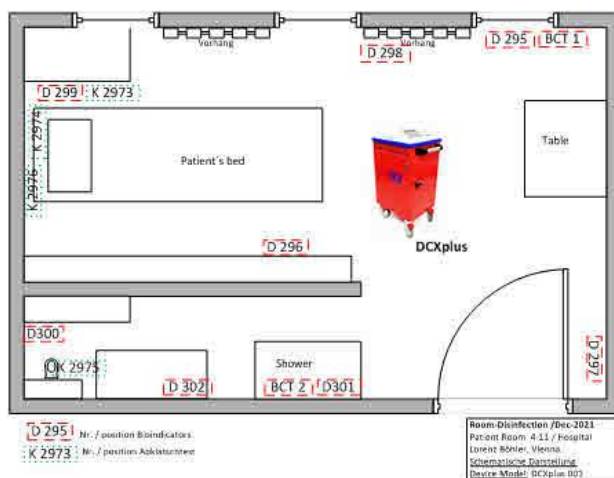
Display, Keyboard, LAN/RJ-45, USB

Operation

Vapourization by	Ultrasonic
Size of particles	< 1 µm
Battery power (2x lithium-ion)	48 Volt, 14,4Ah
Canister volumen	10 Liters


Example of airborne Room and Surface Disinfection

Room and Air Disinfection of patient's room in hospital Room and Air Disinfection of Isolation Room in hospital



Results of DCX-Vaporisation Patient's Room & Isolation Room

BEFORE VAPORISATION				AFTER VAPORISATION *			
Prot. Nr.	extraction point	GK	detected harmful germs	Prot. Nr.	GK	detected harmful germs	
PATIENT's ROOM							
K 2973	Patientenzimmer-Wagen unten	0	-	K 2977	0	-	
K 2974	Bett Kopfseite	1	-	K 2978	0	-	
K 2975	Klodeckel	4	-	K 2979	0	-	
K 2976	Rufanlage	26	-	K 2980	0	-	
ISOLIERZIMMER							
K 2981	Halterung Bildschirm	9	1 Mold	K 2986	0	-	
K 2982	Druckbeutel	5	-	K 2987	0	-	
K 2983	Pflegelade	5	-	K 2988	0	-	
K 2984	Drucktaste	5	2 Staphylococcus aureus	K 2989	0	-	
K 2985	Vorraum Dienstbekleidung	41	17 Mold 1 Moraxella species	K 2990	0	-	



* by DCX Technology

GK = Gesamtkolonieanzahl (Kolonieanzahl (KBE) pro 25cm² Abklatschfläche)
0 = NO GERMS DETECTED

