
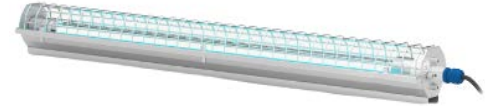


FSX700 – 1800 

Surface disinfection with explosion protection

The certified FSX system was developed specifically for the disinfection of air and/or surfaces in dust-prone areas under special explosion protection requirements.



Applications: Food processing | Laboratories | Animal breeding | Pharmaceutical industry | Screening systems | OEM – mechanical and plant engineering.

Function: The FSX is suitable for both air and/or surfaces with permanent or temporary dust contamination and was specially designed for hazardous areas with explosion protection.

Features IP68: The completely waterproof design of the UV-C lamps prevents moisture from entering; V2A stainless steel housing; Protective tube including splinter protection and protective grille for high break resistance; “End of life shutdown” – the associated ballast electronics of the UV-C lamps are equipped with an EOL shutdown.

Assembly/maintenance: Please note the instructions for installing the ballasts in order to comply with the explosion protection requirements!

Option: Electronic ballast option - mounted in control cabinet or available loose; LED status display and potential-free signaling contact.

Technical Data

TYPE	FS0700EX	FS0810EX	FS1000EX	FS1500EX	FS1800EX
Dimensions in mm L x W x H	805x92x84	915x92x84	1105x92x84	1605x92x84	1605x92x84
Housing material	V2A				
Spotlight ST1	UV-C high efficiency / 12,000 h				
Power in W	35	40	50	77	92
Tension	230V ± 10% (50 – 60Hz)				
Connection cable in m	3 / 6 / 10				
Weight in kg	3.7	4.2	6.1	7.2	8.4
Protection class	IP68				
Explosion protection	II 3 D Ex tc IIIC T190 °C Dc 0 °C ≤ T omb ≤ + 60 °C (Zone 22)				
Status display/signal	LED/5 volts				
material	stainless steel				