The AP-S Tunnel is designed for disinfecting a roller conveyor belt.

The system is a closed unit that includes a hood that contains the UV lamps with sides that can open enabling you to access the lamps. The sides doors will only open once the system is off and once open the UV lamps will not ignite until the doors are closed, to ensure safety.
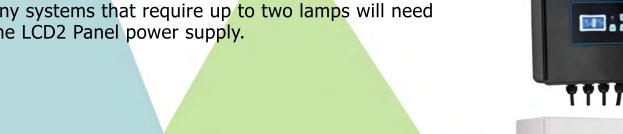

The main application for the AP-S Tunnel is for food and packaging disinfection.

The specific design is flexible enabling it to adapt to any type of roller conveyor belt. Depending on the conveyor belt specification, the system design allows it to work with 1-8 lamps as required. The larger the surface or the faster the conveyor belt the more lamps will be required.

Any systems that require up to two lamps will need the LCD2 Panel power supply.

Any systems that require 3 – 8 lamps will need the Rack LCD2 Panel power supply.

ALPHA-PURIFY

General Information	
UVC dose	UV dose must be calculated for each specific application by one of our qualified technicians.
Air temperature range (°C)	5 - 50
Total Power consumption (W)	(see table below)
Mounting	Vertical or horizontal

		Number Of Lamps							
		1	2	3	4	5	6	7	8
Lamp Power	40	44	88	-	-	-	-	-	-
	80	88	176	264	352	440	528	616	704

UV Lamp

Lifespan	9000 hrs
Type	Low pressure high output type 028104/028124

UV Tunnel

Material	Standard production: Stainless steel 304 On request: Stainless steel 316L Polypropylene – RAL7032
Protection class	IP65 / NEMA4X

Control Panel	LCD(Plus)	Rack LCD (Plus)
Material and colour	Black polypropylene	Painted steel – RAL 7035
Dimensions	215 x 215 x 90 mm	400 x 300 x 200 mm
Protection class	IP 55	IP 54
Ambient temperature range	§5 – 45°C	5- 45°C
Power supply	230 V – 50/60 Hz	230 V – 50/60 Hz
Lamp cable	1m	2,5 m
Power supply cable	1m	1 m
Monitor display	LCD	LCD
Hour meter	Yes for total system life	Yes for total system life
Resettable hour meter	Yes for lamp life control	Yes for lamp life control
Lamp function control	Yes	Yes
Alarm LED	Yes	Yes
Free contact (NO – NC)	Yes – general alarm (max 2A)	Yes – general alarm (max 2A)
230 V output (NO – NC)	Yes – general alarm (max 2A)	Yes – general alarm (max 2A)
Remote ON/OFF contact	Yes (settable)	Yes (settable)
ON/OFF timer	Yes (settable)	Yes (settable)

Optional	Description
OPT31	Audio alarm
OPT42	Different power supply

Optional	Description
OPT43	SS 304 or 316L panel
OPT51	Different lamp cable length

Optional	Description
OPT	Different panel IP protection