

UVC Disinfection

ND CleanBox 600 is a UV goods sluice that is used for surface and air disinfection of consumer goods, packaging, electronics, tools, etc. ND Cleanbox 600 acts as an access sluice to minimize the transport of bacteria, fungal spores or viruses between zones.

ND CleanBox 600:

- ➔ Safe inlet
- ➔ Flexible solution
- ➔ Stand-alone unit
- ➔ Plug and play solution
- ➔ Proven technology with high UVC performance
- ➔ High efficiency with up to 99,99% inactivation
- ➔ Compact solution designed for high status environments.



Used in:

- ➔ Clean rooms
- ➔ Production premises
- ➔ Entry sluices
- ➔ Abattoir
- ➔ High status stables
- ➔ Zone shift
- ➔ Clean storage rooms



→ High status productions

Read more
about UVC here

Technical information:

Goods sluice for disinfection of parts and smaller goods which is placed between unclean and clean side.

The object is places in the box on the grid from unclean side. When the door is closed a sequence starts automatically. The object is illuminated for a fixed time (standard 240 sec.) When the sequence is finished, the door can be opened on the clean side. Only one door can be open at a time. If the emergency stop is triggered, the door to the unclean side can be opened.

CleanBox 600 is built to order.



Specifications	
Specification may vary based on individual configurations	
Product name	ND CleanBox 600
Lifetime on the bulb	Up to 10.000 hours or 3000 On/Off or 2 years from delivery
Ambient temperature	20-40°C
Number of UVC lamps	1-4 stk
UVC dose*	$\mu\text{W}/\text{cm}^2$ – Depends on time and distance from surface to UV lamp
Processing time - Standard	4 min
IP	54
Electric info	230V – (1-4)×48W
Internal Height × Length × Width	600mm × 600mm × 600mm

External Height × Length × Width	730mm × 643mm × 800mm
Weight	70 kg
Material	Stainless steel
Protection against glass shattering	Optional coating of Food contact material approved FEP

* The UVC dose is measured at a distance of 100 cm according to the norm and with the use of an approved ballast.