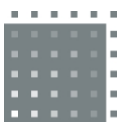# Disinfection Lock

DK-500-PES

- For the disinfection of objects and materials / organisms before channelling into a clean room laboratory

- Spraying-in of the disinfectant both from the ceiling and the side walls

- Fully automated procedure

- Operated from both sides, mutual door lock

- Considering ergonomic principles

- Disinfection optionally with either peracetic acid or hydrogen peroxide

- High operating safety due to pneumatically inflatable door gaskets

- Optional with upper / nether trolley technique

- Safety standards and precision as per DIN EN ISO / VDE

- Tested, proved and documented quality

Pharmaceutical technology

Model	DK-500-PES
Outer dimensions (mm) wxhxd ca.	840x2300x800
Inner dimensions (mm) wxhxd ca.	700x1000x700
Volume (l) ca.	500 Other dimensions on request
Pack size (mm) wxhxd Gross weight (kg)	On request, depending on desired equipment
Net weight (kg) ca.	850
Electric connection (V / Hz)	400 / 50
Electric power (W)	1500
Housing	stainless steel AISI 316
Chamber	stainless steel AISI 316 Ti or AISI 316 L
Chamber roughness (µm)	<0,8
Total loading capacity (kg)	300
HEPA filter (supply air): filter class / performance (%) / particle size (µm)	H14 / 99,995 / 0,3
HEPA filter (supply air): dimensions (mm) wxhxd	305x305x75
HEPA-filter in the exhaust air	□
Exhaust volume (m³/h) ca.	150
Lateral spraying-in	Flat nozzle
Volumetric flow rate lateral spraying-in (l/min) ca.	20
Upper spraying-in	Tank cleaning nozzle
Volumetric flow rate upper spraying-in (l/min) ca.	12
Disinfectant	Provided by the customer
Disinfectant tank (l) ca.	30
Steering Siemens SPS S7-300; Operator Panel OP7	■
Ultrasonic vaporizer	□
Temperature regulation	□
Nether trolley stainless steel AISI 304	□
Upper trolley stainless steel AISI 304 / AISI 316 Ti / AISI 316 L	□
Shelf construction perforated stainless steel plate AISI 316 Ti / AISI 316 L	□
Standard documentation of the unit	■
Standard documentation of the steering	■
GMP-compliant qualification DQ / FAT / IQ / OQ / SAT	□

June/12 Technical alterations reserved.

(■= standard; □ = option)