

# REK Engineering Machinery Sdn Bhd



High Performance and Quality Guaranteed  
**Sterilization and Hygiene  
Solutions**

*Standard builds and custom-makes available*



# NETRA® Auto Trolley Sterilizer : NETRA is designed for sterilization of trolley, airport baggage, or luggage's.

**Ozonated water & air spray:** Ozonated radicals will destroy any germs, bacteria and virus on surface instantly. HLD & Ecofriendly substances.



**Conveyor:** Automatic trolley moving

**Scrubbing brushes:** Provides thorough cleaning of trolleys inside and outside

**Water re-cycle tank:** Recycles ozonated water from each round of washing with UV-treatment to reuse again with Ozone radical re-injections

Parameters	Specifications
Hot water Tank	100L
Ozone Water Tank	100L
Re-cycling UV tank	100L
Sterilization technology	Ozonated water + air + UV
Power consumption	14 kW, 25 kW
Weight	1600 kg
Voltage/ Frequency	240V, 415 V / 50 Hz
Size	5400 mm (L) X 2281 mm (H) X 1350 mm (W)
Washing capacity	500 trolleys / 8 hours

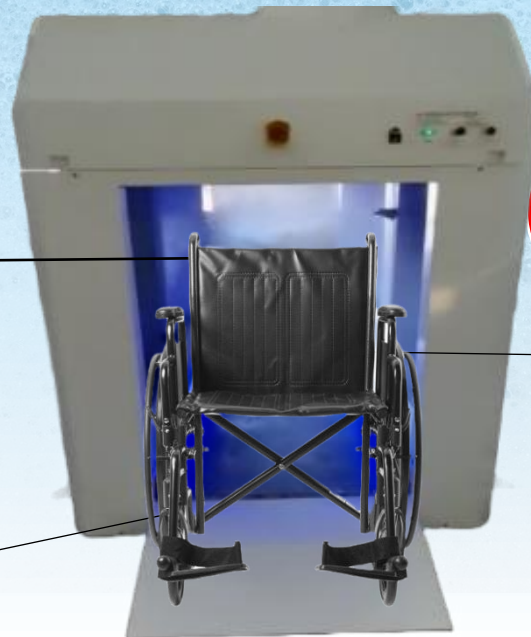


Contact us : [sales@rekengmac.com.my](mailto:sales@rekengmac.com.my)

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# Compact NETRA (CN series): Compact NETRA is designed for sterilization of hospital trolleys, wheelchairs and more with Ozonated water therapy

**Ozonated mist spray:** Ozonated radicals will destroy any germs, bacteria and virus on surface instantly. HLD & Ecofriendly substances.



**Conveyor:** Automatic wheelchair moving

**UV-light sterilizing:** Kills germs and bac as 2<sup>nd</sup> layer of cleaning

Parameters	Specifications
<b>MIST Ozonated water Tank</b>	45L
<b>Sterilization technology</b>	Ozonated water + air + UV
<b>Power consumption</b>	7.2 kW, 12.5 kW
<b>Weight</b>	850 kg
<b>Voltage / Frequency</b>	240V, 415V / 50 Hz
<b>Size</b>	2560 mm (L) X 1900 mm (H) X 1700 mm (W)
<b>Washing capacity</b>	100 wheelchairs / 8 hours



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**EASY-Wash®** : Designed for sterilization of mall carts, or any other carriers, automotive parts, aircon parts. Any parts or components and things that can be fit into the carrier can be washed/degreased for clean, hygienic use.

**Ozonated water & air spray:** Ozonated radicals will destroy any germs, bacteria and virus on surface instantly. HLD & Ecofriendly substances.



**Scrubbing brushes:**  
Provides thorough cleaning of baskets inside and outside

Parameters	Specifications
<b>Basket load capacity</b>	2057 DIA x 1225 (H) x 2015 (W)
<b>Total weight load</b>	200 kg
<b>Water tank</b>	250L
<b>Sterilization technology</b>	Ozonated water + UV + brush clean
<b>Power consumption</b>	10.8 kW, 18.7 kW
<b>Motor power</b>	1.5 kW
<b>Motor speed</b>	28 rpm
<b>Pump Motor HP</b>	5.0
<b>Internal spray speed</b>	4.3 bar
<b>Weight</b>	300 kg
<b>Voltage / Frequency</b>	240V, 415 V / 50 Hz
<b>Size</b>	2057 mm (L) X 1100 mm (H) X 1350 mm (W)
<b>Washing capacity</b>	25 bins / 15 mins



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# Doorway Sterilization Booths : Designed for sterilization of populated functions such as events, weddings, expo's and more.



**UV Led Sterilization :** UV rays kills 99% germs such as molds and bac. HLD & Ecofriendly substances.

**Entrance pathway:** Fit for one person / each to control flow of sanitization

**Airflow pathway:** Removes pollutant air and channels outside the machine to filter the air flow inside. The airflow also blocks entry of flies or dust inwards



Parameters	Specifications
<b>Sterilization technology</b>	HEPA filtered air + UV LED
<b>Power consumption</b>	3.6 kW
<b>Blower</b>	9.2 m <sup>2</sup>
<b>LED</b>	400 – 420 nm
<b>Weight</b>	200 kg
<b>Voltage / Frequency</b>	240V / 50 Hz
<b>Size</b>	5 feet (L) X 10 feet (H) X 5 feet (W)
<b>Sterilizing capacity</b>	Continuous person movement flow



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# Mini Sterilizers : Designed for sterilization of children toys, feeding bottles, spoons, towels.



**UV Led Sterilization** : UV rays kills 99% germs such as molds and bacs. HLD & Ecofriendly substances.



**Multi-trays** : tracks and racks to increase loading capacity

**Internal reflectors** : Reflects UV layers to improve UV-disinfection surface capacity



Parameters	Specifications
<b>Sterilization technology</b>	UV LED
<b>Power consumption</b>	1.2 kW
<b>LED</b>	400 – 420 nm
<b>Weight</b>	150 kg
<b>Voltage / Frequency</b>	240V / 50 Hz
<b>Size</b>	5 feet (L) X 10 feet (H) X 5 feet (W)
<b>Sterilizing capacity</b>	1 L items space



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# Cleanroom Air Booth: Designed for any cGMP/GMP facilities or cleanroom areas. Custom builds available.



**Air blower** : High-speed blower air sprays to blow-off dust particles.

**Entrance pathway**: Fit for more than 1 person (custom). Controlled door open width

**Clean capacity**: excellent net 10,000 level clean shed is suitable for areas with high requirements for local purification level in the workshop, such as assembly line operation area



Parameters	Specifications
<b>Purification Levels</b>	Class 100(ISO 5) or Class100-10000
<b>HEPA Filter</b>	99.999% efficiency at 0.3 um
<b>Power consumption</b>	2.4 kW, 4.15 kW
<b>FFU nozzles</b>	6 – 25pcs
<b>Function</b>	Isolated clean area
<b>Weight</b>	350 kg
<b>Wall</b>	Acrylic boards
<b>Air velocity</b>	0.1~0.6m/s, average 0.45m/s
<b>Noise</b>	≤58db
<b>Voltage / Frequency</b>	240V, 415V / 50 Hz
<b>Size</b>	2000 X 3000 X 2500mm



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# Oil Grease Traps – Custom-Made Available

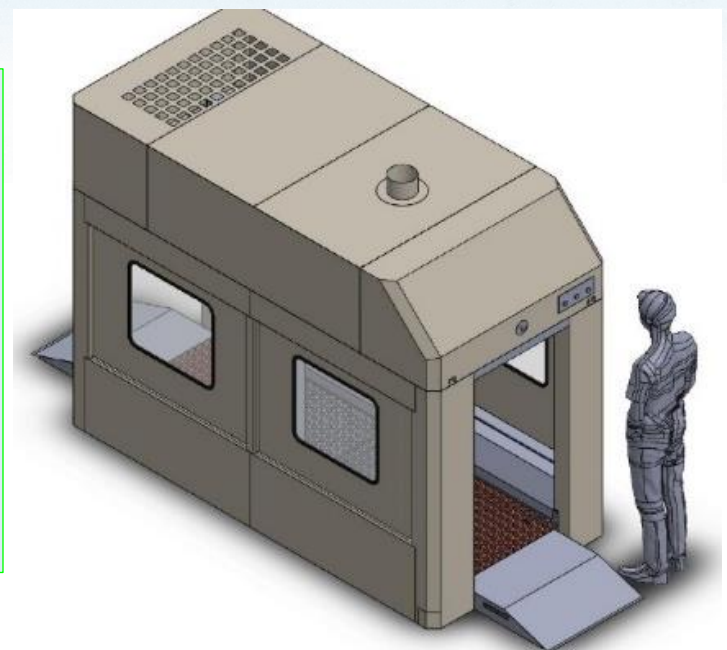


**Oil grease traps**, suitable for restaurants, stalls, food processing companies, dairy companies, and also washing/cleaning sites. Fitted into pipe and drainage systems to trap greasy materials, preventing environmental damages.



## Custom-build Sanitizations

**Our custom-build offers** customers their range of size, capacity or other parameters needed. Custom batch sanitization/sterilizer equipment's are designed to meet the most stringent specifications. REK ENG MAC SDN BHD'S extensive experience and knowledgeable staff can fill any need for industrial/commercial hygiene solutions. Whether it is a "customized" or standard solution, your complete satisfaction is our ultimate goal. We further provide maintenance, service and fabrication consultation.



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