



UC乾霧消毒站

UC Dry Mist Disinfection Station

為大量人員全身及鞋底
消毒最方便快捷的方法



Misting Disinfection | 噴霧消毒



Simple

Effective

XASER UC Misting Disinfection Station | UC 乾霧消毒站

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乾霧 不濕

工業技術平民化



UC 消毒藥水

用專利技術由「鹽水」提煉，世衛 (WHO) 確認食品級安全消毒用品。使用後無需過水，不殘留有害物。具備醫療器械用消毒劑許可證，及最全面第三方檢測認可。



GZ_Vitro_Antimicrobial_Test-1



SGS In Vitro Cytotoxicity Test-MTT Assay



SGS Skin Sensitization Study - Maximization Test



Certificate Details



SGS White Rabbit Ocular Irritation Test

體外抗菌能力合格 | 體內細胞毒性測試合格 (MTT Assay)
 皮膚敏感測試合格 (極大化法) | 眼睛刺激測試合格 | 口鼻腔吸入安全性測試合格
 飲用水溶液測試合格 | 口腔細胞毒性測試合格



TW_ChinaMedicalU_Inhalation_Test-1



TW_ChinaMedicalU_Inhalation_Test-2



TW_ChinaMedicalU_Subchronic_Oral_Toxicity_Test




TWU_Oral_Cytotoxicity_Test



Creation of Gaseous Chlorine Dioxide (ClO₂)

When lightning strikes on sea water



Creation of Gaseous Chlorine Dioxide (ClO₂)

With patented tech & appliances on salt water 

Unique®
International Manufacturing
Technology Patent



UC Disinfectant Makes a Difference



Odorless A1 Food Grade Disinfectant
世衛認可 食品安全A1級 消毒水

Comparison table with commercial disinfectants on the market

Name	GAS-ClO ₂ aqueous solution	Chemical process ClO ₂	Formalin	Alcohol	Bleach	Hypochlorous acid water	Ozone
Constituents							
Raw material	Table salt, water	Sodium chlorite + hydrochloric acid	Methanol + formaldehyde	Industry generally uses starch fermentation process or ethylene hydration to obtain ethanol	NaClO	HCl Hydrogen gas	Air UV ray
Working Principle	Redox	Redox	Solidify protein in bacteria	Dehydration	Chlorination	Chlorination	Oxidation
Redox potential (only sterilizing when it is above 600mv)	High, above 1250mv	Medium, about 900mv	NA	NA	Low, about 400mv	Medium, about 800mv	High, above 1280mv
Sterilizing ability (compared at concentration less than 30ppm)	Safe, high efficiency and leave no residue. Kills 99.999% of bacteria	Normal Need longer time	Strong	Requires concentration above 70%. No effect for virus with envelope (such as stomach flu virus, influenza, norovirus and SARA)	Effective at 200-500ppm	Weak Need longer time	Strong
Toxicity	Causes no harm for multi-cell organisms such as plant and animals	Highly corrosive and leave hydrochloric acid remains. Chlorite cannot be touched with bare hands	Irritate eyes, skin and throat Harmful for human body	Irritate skin and is toxic for cells when used in excess Not suitable to spray in large quantity in enclosed space	Produce carcinogen easily and irritates skin, mucosa, respiratory tract. Toxic for cells when used in high concentration	Produce trihalomethane and is highly corrosive	High concentration contains carcinogens
Effective pH range	Wide range, strong effect	Useless under basic environment	No influence	No influence	Produce toxic gas when mixed with acidic cleaning agents	Useless under basic environment	No influence
Deodorizing effect	Strong	Weak	Weak	NA	NA	Weak	Strong
Toxin residue (second pollution)	No	Yes (chlorite, acidic compound)	Yes (formaldehyde)	Ethanol	Yes (trihalomethane carcinogen)	Yes (trihalomethane carcinogen)	Yes (carcinogen)
Duration of action	A few sec- a few min	A few sec- a few min	more than a few min	more than a few min	A few min = a few hours	more than a few min	A few sec- a few min
Practicality	Safe, convenient and serves multi-	Incomplete reaction, risk in production and requires time	Toxic when inhaled	Need to mix with 75% water and has safety concern as it is inflammabl	Need to be diluted with water when use. Undiluted bleach will give out toxic gas under sunlight and should keep out of sight of children	Low concentration, requires large amount to achieve same effect	Good activity, low stability

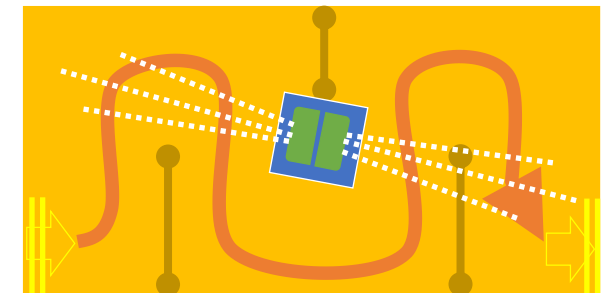
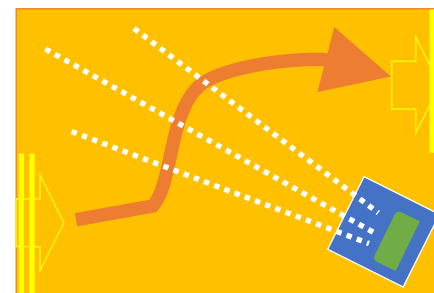
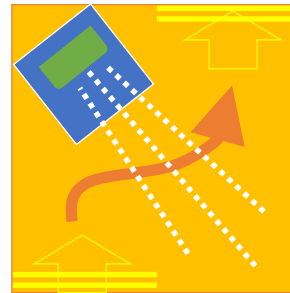
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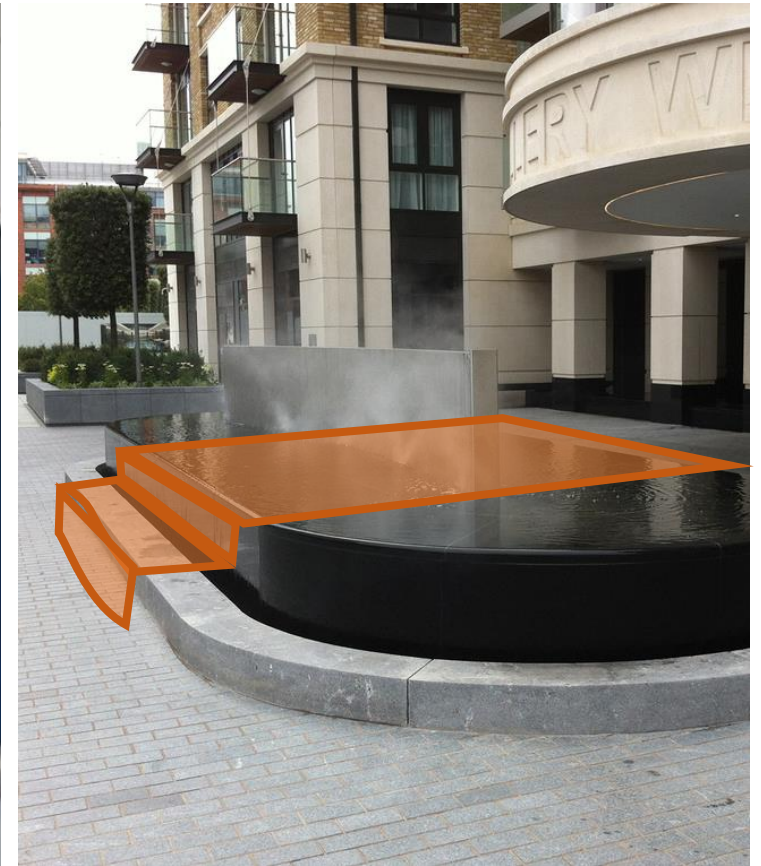


Rental of Dry Mist Rack (on wheels)

- 1 pcs misting machine (2L/hr) rack-mounted
- 1 pcs 200L water tank
- 1 set Timer or moment detector control
- 1 set IoT water level detection
- On-site disinfection refill on water level alert
- Rack size: 65*65*200 cm, < 250 kg
- On-site setup and commissioning
- Quarterly contract
- Tent by others

产品规格	包装尺寸	打开实际尺寸	设计特征
2*2	1.49*0.3*0.3	2*2	1顶杆4腿管
2*3	1.49*0.3*0.35	2*2.9	2顶杆4腿管
3*3	1.49*0.3*0.3	2.9*2.9	1顶杆4腿管
3*4.5	1.49*0.3*0.35	2.9*4.3	2顶杆4腿管
3*6	1.49*0.3*0.45	2.9*5.8	3顶杆6腿管





UC Dry Mist Disinfection Station Customization

Efficient use of UC Liquid for Large Scale Disinfection

Seasoned HVAC engineers in XASER & WOOFAA

Buy Sample



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Renting hotline: +852 2643 4000

Any Questions?

