

即時解決異味投訴問題

Instantly Eliminates Odors At The Source



860
TIC-20Ag

銀離子抗菌除臭劑

Silver Ions Antibacterial Deodorant



環保安全

Environmental
Safety

產品優勢 Product Advantage

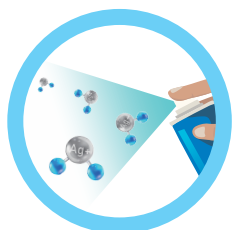


即時除臭，長效抗菌

Instantly Deodorise

結合自由基技術，極速氧化分解異味分子，清除難聞氣味，立竿見影。另外銀離子長效抗菌，從根源解決臭味源頭。

Instantly oxidise and eliminate odorous compounds with radicals, while silver ions eradicate odour-producing microorganisms, resulting in all-round deodorisation.

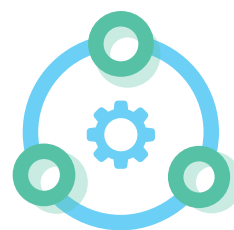


無色無味，安全無毒

Safety Guaranteed

無刺激性，沒有任何氣味，不含任何有害化學物質，對人體無害。經日本近畿大學實驗證實使TIC-20Ag有效減少魚卵死亡率及幼魚夭折率達50%。

Non-irritating, odourless, and safe for use on all surfaces. Pet-friendly and harmless to humans. Proven to reduce the mortality rate of fish embryos by 50%.



自動補充，定時噴灑

Automatic Operation

採用自動補充系統，無需定期訂貨及存貨，安裝後即可長期持續使用。另可按場所需求量身訂做噴灑系統，並設有時間控制程式按需求時間噴灑。

Features automatic refilling to minimise manual reordering and storage requirements. Compatible with customised automated spraying systems.

除臭噴灑系統 Deodorisation Spray System

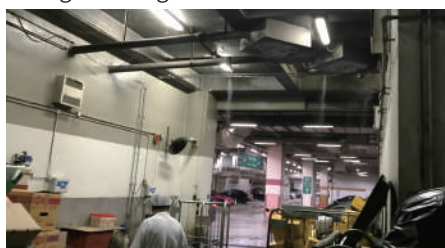
廚餘機

Food Waste Processor



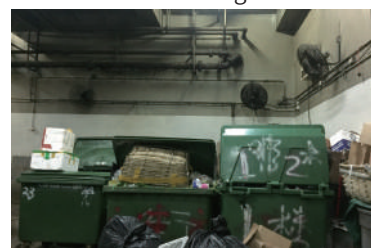
垃圾房天花

Ceiling of Garbage Room



垃圾房掛牆

Wall-mounted in Garbage Room



手噴補充式 Handheld Spraying

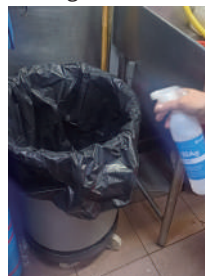
公共地毯

Public Carpet



垃圾桶

Garbage Bin



隔油箱

Grease Trap



明渠

Open-channel Drainage



洗手間

Restroom



大型清洗式 Large Scale Rinsing



銀離子抗菌原理 Silver ion antibacterial mechanism



銀離子會破壞細菌細胞內部結構，並導致其死亡及爆破。

Silver ions disrupt bacterial cell functions and eventually causes cell lysis.



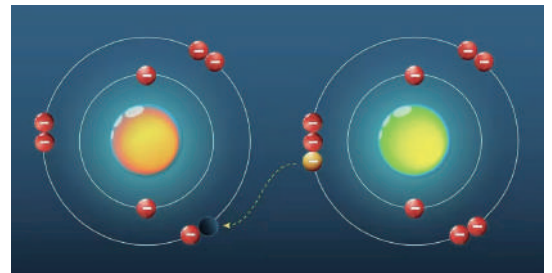
銀離子在過程中不會被消耗，所以在細胞死亡爆破後會繼續抗菌，周而復始。

Silver ion is not consumed in the process and will leak out from the dead cell for continued antibacterial property

除臭噴灑系統 Deodorisation Spray System

自由基為有高度活性的分子，會快速與臭味分子(如氨氣、硫化物、有機揮發性化合物 VOC)產生反應並氧化分解臭味分子。

Radicals are highly reactive that quickly oxidise odorous compounds, such as ammonia, sulfides and VOCs, oxidising and breaking them down to eliminate the source of the odour.



第三方測試報告 Third-Party Test Report

異味效用性 Odor Elimination Efficacy

- 洗手間常見異味 [氨]
Common restroom malodor [Ammonia (NH₃)]

➔ 去除率高達 **85.5%** [中國標準>70%]
Elimination rate up to 85.5%[China Standard >70%]

- 垃圾房及隔油缸常見異味 [硫化氫]
Common waste storage/grease trap malodor [Hydrogen Sulfide (H₂S)]

➔ 去除率高達 **83.6%** [中國標準>70%]
Elimination rate up to 83.6%[China Standard >70%]

*根據廣東省微生物分析檢測中心實驗報告結果，顯示TIC 20Ag+ 除異味能力(氨、硫化氫) 優於中國標準CJ/T 516-2017。
*Experimental data from the Guangdong Microbiology Analysis and Testing Center confirms that TIC 20Ag+ exceeds odor elimination benchmarks (NH₃, H₂S) stipulated in the Chinese National Standard CJ/T 516-2017.

抗菌效用性 Antimicrobial Efficacy

- 常見病原體 [大腸桿菌, 金黃葡萄球菌]
Common pathogens [E. coli & S. aureus]

➔ 殺菌率高達 **99.97%**
Bactericidal rate up to 99.97%

*根據廣東省微生物分析檢測中心實驗報告結果。
*Validated by the Guangdong Microbiology Analysis and Testing Center under ISO 20743 protocols.

人體安全性 Human Safety Profile

魚卵孵化實驗 Fish Embryo Hatching Assay:

- 100顆魚卵浸泡海水兩日
100 embryos incubated in seawater for 48 hrs

➔ 孵化率**84.2%**
Hatching success rate: 84.2%

- 100顆魚卵浸泡TIC 20Ag+及海水溶液兩日
100 embryos incubated in TIC 20Ag+ and seawater solution for 48 hrs

➔ 孵化率**93.3%**
Hatching success rate: 93.3%

*根據日本食品分析中心魚卵孵化實驗結果，顯示TIC 20Ag+ 對生物無毒性並有助生物魚卵孵。
*Certified by the Japan Food Research Laboratories (JFRL), TIC 20Ag+ demonstrates non-toxicological properties and embryo hatching enhancement under ISO 17025-accredited biosafety protocols.

企業簡介

Introduction



CHAMPION GROUP 卓滙集團成立於1994年，專營工商業衛生方案之香港品牌，自設生產線及服務團隊，為中港台機構提供一站式衛生方案及產品。我們致力在生物科技、節能技術及效率提昇等三大方向自主研發，為機構提供最合適的衛生方案及服務。

CHAMPION GROUP, a Hong Kong brand established since 1994, specializes in hygiene programmes of business sector. Having our own production line and service teams, we provide companies a one stop hygiene service and products in China, Hong Kong, Macau and Taiwan. We have been sparing no efforts in biotechnology, energy saving and efficiency elevation, which are our three aspects of research and development, to deliver the best hygiene programmes and services that cater your needs.

我創造 · 我重視
We Make · We Care



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卓滙集團

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