

## Free space type 空間除電型

### KIS-400

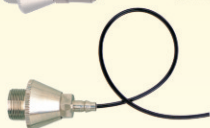
#### Nozzle 噴嘴



Standard nozzle 標準型



Shower nozzle 擴散型



Conductive tube 導電管型



Flexible tube nozzle 可撓性管型



Straight bar nozzle 不銹鋼棒型



Main unit 主機

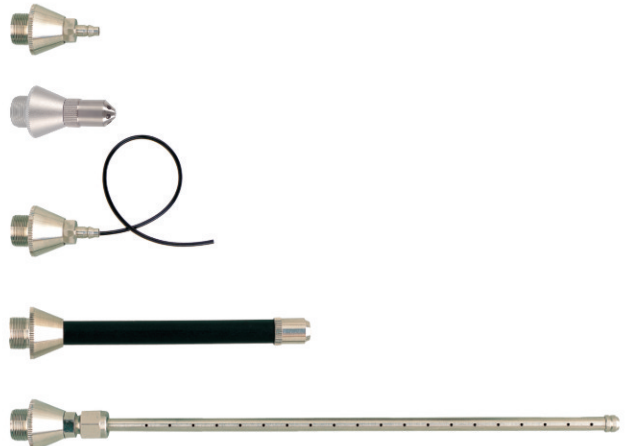
**NEW**

## Features 特長

- This product has obtained **KGN** patent right(New Type NO:M248186). It generates high density of ionosonde for eliminating static electricity by an AC 72KHz discharging device, which is suitable for fast production operation line.  
採用 **KGN** 專利(新型第M248186號)72KHz高周波交流放電方式，可產生高密度的電離子；可應用於高速生產線，達到快速除靜電效果。
- It provides high accuracy and stabilization of balance of ionization  $\pm 15V$ .  
高精度、高穩定的離子平衡： $\pm 15V$ 。
- Power source and air input port are equipped on left and right side for more flexible application.  
左右兩端皆有電源、氣壓入力Port，配線及配管應用更具彈性。
- Abnormal high-pressure warning indicator and output accessories are equipped for easy safety monitoring.  
高壓異常指示燈及輸出接點標準配備，安全監控十分簡便。
- Variety of nozzles are available for your engineering design or space application, effective range: up to  $400 \times 500mm$ .  
備有各式噴嘴供選購應用，達到空間除靜電效果(最大除電範圍可達 $400 \times 500mm$ )；可對應各種除靜電工程及解決安裝空間的限制。
- It is serial module designed. 400mm long for each set and can be seriated up to 5 sets and 2000mm long for more of your choice.  
採用模組化串連方式設計，每一組長度為400mm，最多可串連5組即可達到2,000mm的除電範圍；設計使用更具彈性。
- Aluminum case is equipped for lightweight, nice looking, solidness and durability.  
鋁質外殼設計，外型美觀、質量輕巧、堅固耐用。
- For economy and efficiency, replaceable discharge needles are available for your requirement.  
放電針可單獨購買及自行更換安裝，有效提昇使用壽命及確保除靜電效能；節省更新成本及維修保養費用。

## Main unit 主機

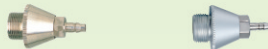
### KIS-400



## Option Accessories 選購配件

### ● Standard nozzle 標準型

- KIB-N01S
- KIB-N02S



### ● Shower nozzle 擴散型

- KIB-N90DW



### ● Flexible tube nozzles 可撓性管

- KIB-N100D(100mm)
- KIB-N200D(200mm)
- KIB-N300D(300mm)
- KIB-N400D(400mm)
- KIB-N500D(500mm)



### ● Tube shower nozzle 擴散噴嘴

- KIB-H90TW
- KIB-H90DW



For conductive tube  
導電性管



For flexible tube  
可撓性管

### ● Conductive tube 導電性管(500mm)

- KIB-T500C  
Outer diameter:  $\phi$  6mm  
Inner diameter:  $\phi$  4mm
- KIB-T500C4  
Outer diameter:  $\phi$  4mm  
Inner diameter:  $\phi$  2mm



\* Use with the standard nozzle.  
需與標準型噴嘴KIB-N01S · KIB-02S搭配使用

### ● Straight bar nozzles 不銹鋼棒型

- KIB-N100B(100mm)
- KIB-N200B(200mm)
- KIB-N300B(300mm)
- KIB-N400B(400mm)
- KIB-N500B(500mm)



### ● AC adapter AC電源變壓器

- KIC-03(AC110~240V)



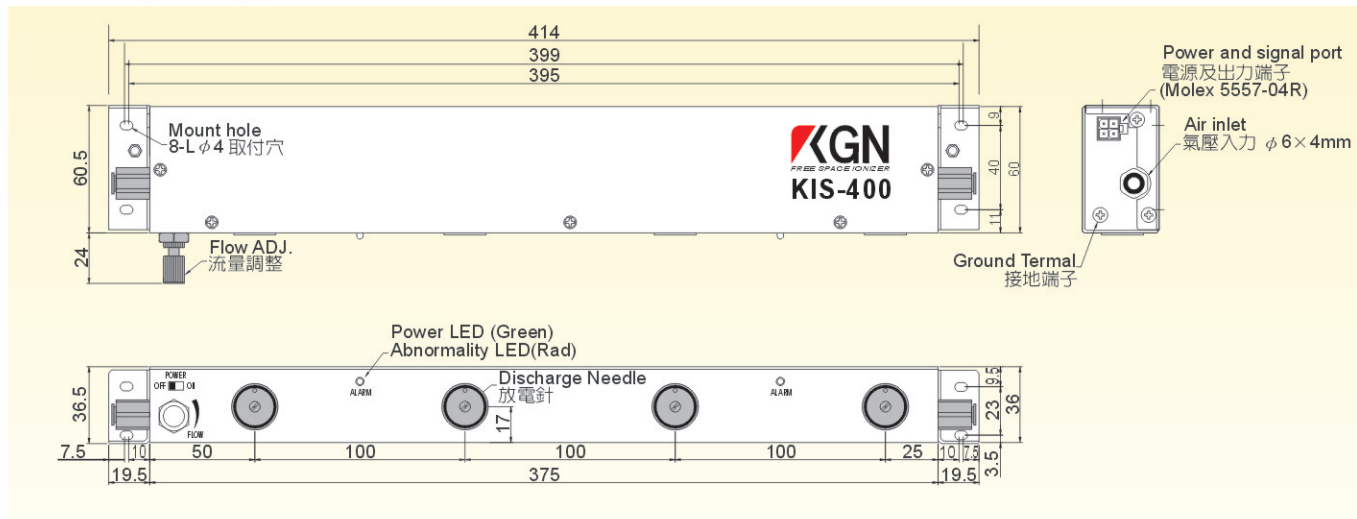
### ● Discharging needle 放電針

- KIB-D16S

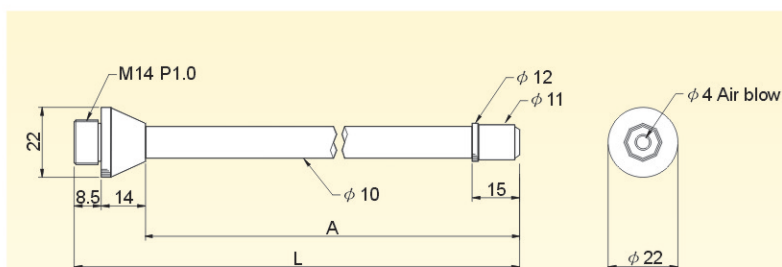
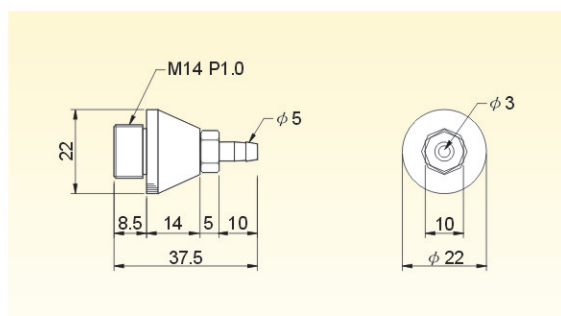


## Dimensions 外型尺寸圖(mm)

### Free space type KIS-400

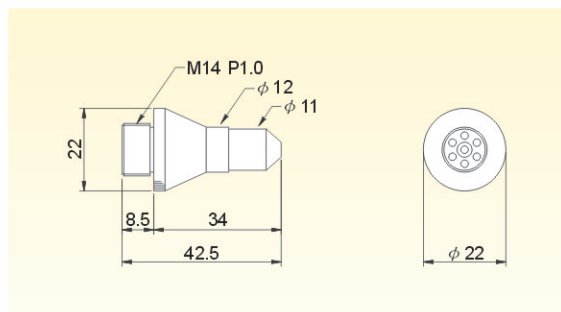


### Standard nozzle KIB-N01S 標準型噴嘴 Flexible tube KIB-N□D 可撓性管

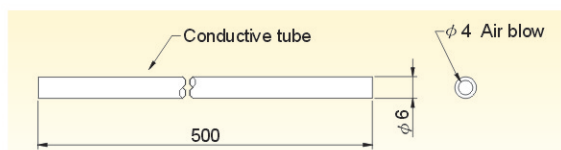


TYPE	A	L
KIB-N100D	104	126.5
KIB-N200D	204	226.5
KIB-N300D	304	326.5
KIB-N400D	404	426.5
KIB-N500D	504	526.5

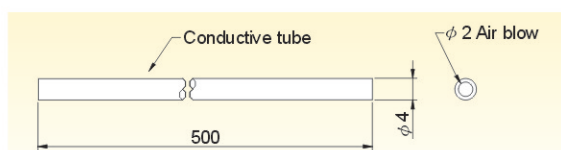
### Shower nozzle KIB-N90DW 擴散型噴嘴



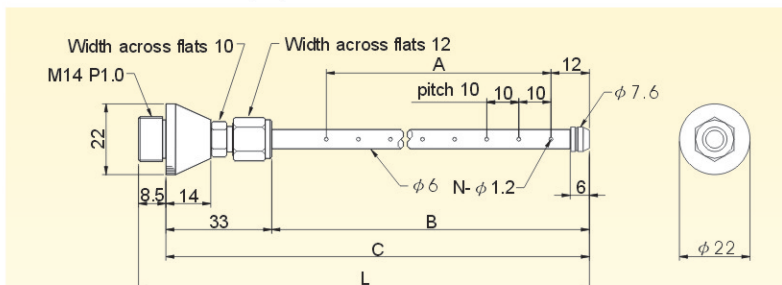
### Conductive tube KIB-T500C 導電性管



### Conductive tube KIB-T500C4 導電性管



### Stainless bar pipe KIB-N□B 不銹鋼棒型



TYPE	A	B	C	L	N
KIB-N100B	100	130	163	171.5	11
KIB-N200B	200	230	263	271.5	21
KIB-N300B	300	330	363	371.5	31
KIB-N400B	400	430	463	471.5	41
KIB-N500B	500	530	563	571.5	51



## Safety precautions 安全上注意要點




※ Please read below precautions carefully before use.  
使用✎GN靜電除去裝置前，請先詳讀下列的注意要點。

Before using ✎GN IONIZER, please read the "Safety Precautions" and [ Users manual ] carefully to ensure proper product use.

The safety precautions shown below are to help users to use the product safely and correctly, and to prevent injury or damage to people or assets beforehand.

選用✎GN靜電除去裝置系列產品前，請先詳閱【安全上注意要點】及【使用說明書】並充分瞭解後再開始使用本產品。

下列所示的【安全上注意要點】是為了讓使用者對✎GN靜電除去裝置做安全且正確的使用，並且是為了避免對使用者或他人造成危害及財產上的損害。

 <b>DANGER</b>	<ul style="list-style-type: none"><li>• Express situation that can be clearly predicated as dangerous. 表示很明顯可預見其危險情況的場合。</li><li>• It could result in death or serious injury if ignore the dangerous signal. 已明示危險卻不加以避免時，會造成死亡或嚴重傷害。</li><li>• It could result in damage or destruction of assets. 可能造成財物的損傷、損壞。</li></ul>
 <b>WARNING</b>	<ul style="list-style-type: none"><li>• Express it's not immediately dangerous but could become gangrenous. 雖無立即危險，但會產生危險的情況。</li><li>• It could result in death or serious injury if ignore the dangerous signal. 已明示危險卻不加以避免時，會造成死亡或嚴重傷害。</li><li>• It could result in damage or destruction of assets. 可能造成財物的損傷、損壞。</li></ul>
 <b>CAUTION</b>	<ul style="list-style-type: none"><li>• Express it's not immediately dangerous but could become gangrenous. 雖無立即危險，但會產生危險的情況。</li><li>• It could result in damage or destruction of assets. 可能造成財物的損傷、損壞。</li><li>• To remind users to operate ✎GN IONIZER more approve and correct. 為指示使用者正確且適當的使用✎GN靜電除去裝置。</li></ul>

## Danger 危險

- Please don't use for the purposes listed below 請勿將**KGN**靜電除去裝置應用於下列用途：
  1. Medical equipment related to maintain or manage human live or bodies.  
有關維持、管理人命及身體的醫療器具。
  2. Mechanical devices or equipment designed for the purpose of moving or transporting people.  
以移動、搬運人為目的的機構及機器裝置。
  3. Critical safety components in mechanical devices.  
**KGN IONIZER** is not designed for purposes that require advanced stages of safety.  
機械裝置安全用途的部品或零件。  
**KGN**靜電除去裝置並未以高度安全用途來設計。
- Please don't use in locations with or near dangerous substances, such as flammable or ignitable substances.  
**KGN IONIZER** isn't explosion-proof production. It could ignite or burst into flames.  
請勿使用於有發火性、引火性等危險物品的場合或附近。**KGN**靜電除去裝置並不具有防爆性設計，使用於上述場合會有發火、引火的可能。
- **KGN IONIZER** generates high voltages. Please don't disassemble, adjust, or modify the devices, it can be very dangerous. Such action could result in a malfunction, injury, electric shock, fire, etc.,.....  
**KGN**靜電除去裝置作動時產生高壓電，因此，請絕對不要任意自分解、調整、改造等動作，以免產生危險。
- Please prevent splash water on IONIZER. Spraying it with water, washing it, or using it underwater could result in injury, electric shock, fire, etc.  
請避免將水噴灑在靜電去除裝置上。一經淋濕或清洗或在水中使用，會產生異常作動而造成受傷、觸電、水災等危險。
- Please shut-off power when inspecting, cleaning and performing maintenance. Leaving the power on could result in electric shock.  
進行檢查、定期清潔保養時，請務必先關掉電源再實施工作，否則會有觸電危險的可能。

## Warning 警告

- Please don't use **KGN** IONIZER in excess of its specification range. Such use could result in product breakdowns, cessation of function, or damage. It could as well result in a significant reduction of its service life.  
請勿在產品規格仕様範圍外使用**KGN**靜電除去裝置，若強制使用將會造成故障、機能損壞或停止，且會顯著降低產品的使用壽命與效果。
- Please don't touch the discharging needles, because it has a sharp-pointed tip. It could result in hand injury.  
請勿用手碰觸放電針，因其前端很尖銳，容易刺傷手指而造成傷害。
- Please shut off power when performing wiring work. Leaving the power on could result in electric shocks.  
實施配線工作時請務必關閉電源，以避免發生觸電的危險。
- Please check the catalogue to ensure the IONIZER wiring is correct. Error wiring could lead to abnormal operation.  
使用前請確認配線是否正確，錯誤的配線是造成作動異常的主要原因之一。

## Caution 注意

- Please don't use **KGN** IONIZER for any other purpose than for static electricity removal.  
請勿將**KGN**靜電除去裝置應用在消除靜電以外的目的。
- In case the unit turns faulty, it should have to be adjusted and repaired by technical engineers. Please contact to our sales engineer for such a service.  
遇有故障或異常時，由於有必要讓專家或以特殊儀器做調整、維修，因此請務必與銷售工程師聯繫。

## Others 其他

- When use AC adapter, please use genuine **KGN** AC adapter : KIC-03.  
若要使用AC變壓器時，請務必使用**KGN**靜電除去裝置專用變壓器：KIC-03。
- Please don't disassemble the IONIZER relating to basic configurations.  
有關靜電除去裝置的基本構造方面請勿拆解或擅自加以改裝。