

靜電消除之4大創新！

- 80%以上消除效果
- 10倍安裝距離
- 安全性提高
- 電壓過載，自動斷電功能



Four Innovative Product Designs In Anti Static Industry!

- Over 80% efficiency rates.
- 10 times installation distance.
- Reduce safety hazards.
- Over-voltage protected.

軟針式靜電消除簡介

軟針式靜電消除設備是一組高效能、高安全性、低電壓、低電流及高彈性安裝方式的設備，是由一支或二支軟針式靜電除棒，搭配一台5KV靜電消除主機而成。有別於傳統式針式靜電消除棒單一不銹鋼針放電方式，軟針式靜電棒之單一放電針座就是由數百根石墨纖維絲組成，放電範圍大幅的擴大，靜電消除效果相對提升。

在安裝上，軟針式安裝距離比傳統針式增加10倍，最遠可到達30公分！

不必再搭配送風機。對於使用者來說是非常彈性的方式，不會因為安裝距離而造成生產流程上的困擾。可在不同產業的機械上，做不同變化的搭配。比方在印刷機械、包裝機械、光電機械及紡織機械等。

在安全性上，傳統靜電消除主機多為10至13KV，而軟針式靜電消除棒搭配5KV主機，可減低因高壓放電所造成的安全危害，卻不會因為降低電壓數而影響靜電消除的效能。自動斷電功能，一旦電壓過高即立刻做斷電處理。

在效能上，傳統式靜電消除設備效能約在60%-70%，效果有限；而軟針式靜電消除設備，在最佳安裝位置搭配適合的組數，效能最佳可高達80%以上！（實際的偵測數值需視客戶的工作環境、原料、機械速度及當時乾濕度而定）

本軟針式靜電消除棒已得到中華民國發明專利證書（發明第1315166號）及中華人民共和國實用新型專利證書（證書號第1840367號），本產品除內銷台灣另已外銷數十國家，深受客戶好評。本公司另提供靜電消除方式諮詢服務，歡迎各界指教連絡！

Introduction

Soft acicular anti-static devices feature high performance, high security and flexible installation methods, comprising one or two soft acicular anti-static rods, and a 5KV anti-static generator. Different from traditional acicular anti-static rods that use a single stainless steel needle to discharge static charge, the single discharging needle unit of a soft acicular anti-static rod is comprised of up to a hundred carbon fiber filaments, to dramatically extend discharging range, and hence enhance its anti-static efficiency.

In installation, the installation distance of a soft acicular type can reach as far as 30 centimeters, which is 10 times more than the traditional acicular type, which is a very flexible approach for users, saving them trouble in production flows caused by installation distance. It can be used to adapt to a wide variety of combinations on machines for various industrial manufacturing purposes, for instance, printing machines, packaging machines, photoelectric machines and textile machines.

In safety, most traditional anti-static generators are 10 to 13KV, while the soft acicular anti-static rod working with a 5KV generator can reduce safety hazards resulting from hypertension discharge, without compromising anti-static performance due to reduced voltage. Over-voltage protected, new function for generator.

In performance, traditional anti-static devices have a limited efficiency rate, at approximately 60%~70%. The optimal efficiency of the soft acicular anti-static device, when an appropriate number of modules are installed optimal locations, can be as high as 80% or more. (Actually, surveyed readings may depend on customer's working environment, materials, machine speed and hygrometric conditions on the day of measurement)

Our soft acicular anti-static rod has been awarded patent rights in the Republic of China (invention patent certificate No. 1315166) and the People's Republic of China (new design patent certificate No. 1840367). Besides domestic sales in Taiwan, our products are exported to dozens of countries and highly acclaimed by customers. We also provide anti-static consultancy service. Your comments are welcome.



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