



奇鼎科技股份有限公司

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企業沿革

- 2003年 ● 奇鼎科技核准設立
- 2005年 ● 提供專業無塵室工程服務
- 2006年 ● 設備研發部成立
- 2007年 ● 取得ISO 9001認證
- 2011年 ● 新竹工業區廠房落成
- 2012年 ● 榮獲傑出SBIR研發成果獎
- 2013年 ● 取得ISO 14001、OHSAS 18001認證
- 2016年 ● 蘇州子公司成立
- 2017年 ● 榮獲第24屆中小企業創新研究獎
- 2018年 ● 榮獲第5屆鄧白氏中小企業菁英獎
- 2019年 ● 榮獲經濟部中小企業加速投資行動方案
- 2020年 ● 榮獲第17屆台灣金根獎
● 「曝光機鏡組霧化防護機組(長效型)」榮獲第29屆台灣精品獎
● 取得ISO 45001認證
- 2021年 ● 新竹縣鳳山工業區新廠落成
● 榮獲第30屆國家磐石獎、第7屆經濟部國家產業創新獎、第6屆潛力中堅企業

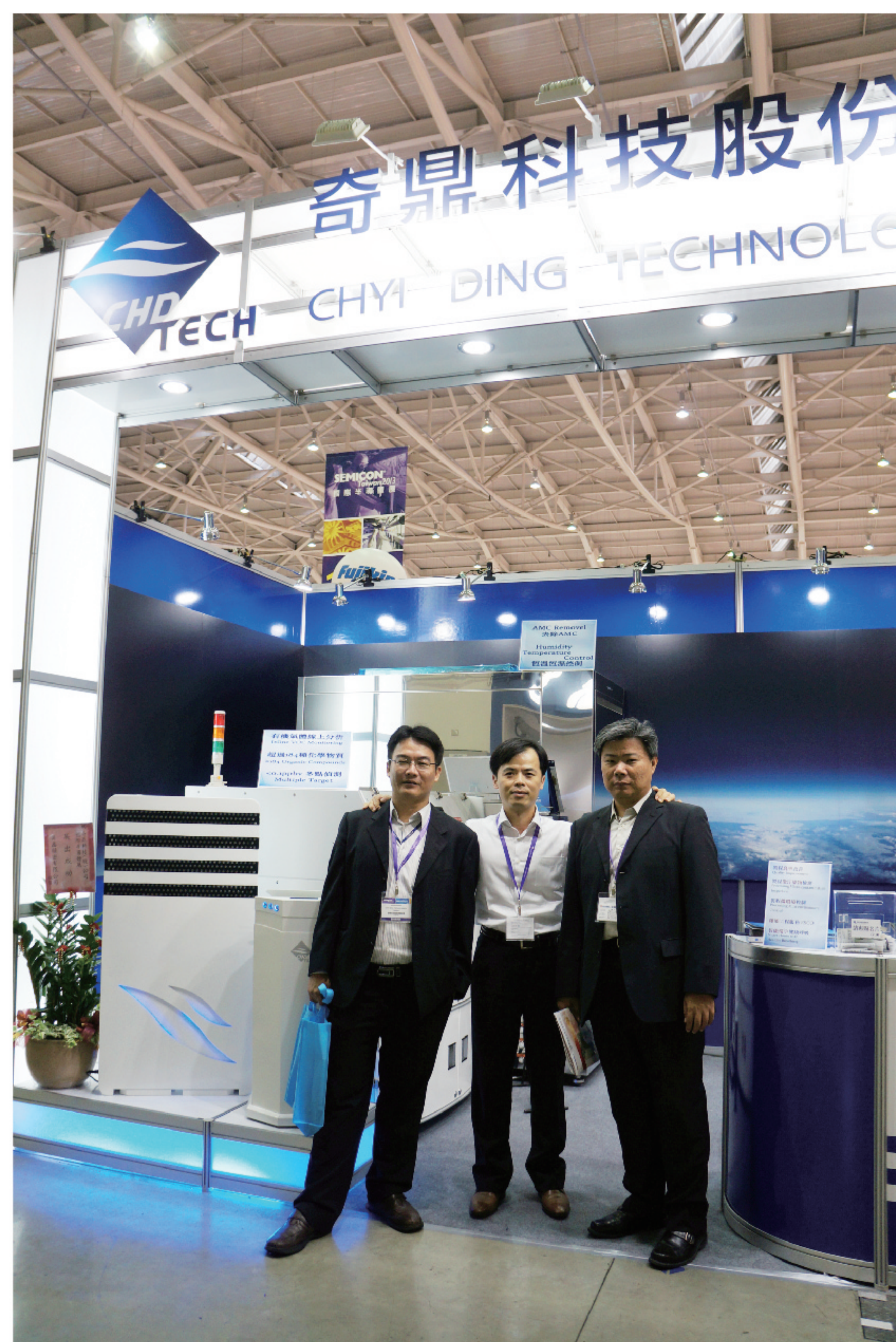
主要產品

高精密製程環境控制設備、化學污染物解決方案、製程環境整合、節能服務和無塵室工程建置。

長年深耕於半導體/光電產業，提供高精密製程環境控制設備給國內外各大廠，大幅提升其製程良率和效率。

企業簡介

奇鼎科技主要提供半導體精密環境控制設備，與節能工程服務給半導體廠。因研發特色獲獎無數，多次接受總統親自頒獎。主要客戶包括國際半導體晶圓廠、高階封裝測試廠與外商半導體設備商，裝機範圍遍布兩岸、美國、德國、瑞士、日本、韓國與新加坡等地。



國際競爭力

- 一、製程精密溫濕度控制機組溫度精準度為業界最高 $\pm 0.01^{\circ}\text{C}$ ，目前也為全台灣唯一有此能力的廠家。
- 二、曝光機鏡組霧化防護機組的精密溫溼度控制搭配氣態分子污染物(AMC)去除整合技術為國內首創，全球獨步，去除效率可達到90%以上。
- 三、有機溶劑回收設備回收效率高達60%以上，比同期的日、德、英廠商所能回收的20~30%多了超過一倍。

CHYI DING TECHNOLOGIES CO., LTD.

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第24屆 小巨人獎
出口績優中小企業
The 24th Rising Star Award



Business Items

Mini-Environment Control of Advanced Processing, Chemical Contamination Detection & Removal, Total Solution, Energy Saving and Cleanroom Construction.

CHD TECH has years of footprint, significantly increasing the yield rate and efficiency of our technical demanding clients in semiconductors and panels by providing our mini-environment control equipment.



History

- 2003 ● Foundation of CHD TECH.
- 2005 ● Cleanroom construction service established.
- 2006 ● Set up of equipment research and development department.
- 2007 ● Certification of ISO 9001.
- 2011 ● Completion of factory in Hsinchu.
- 2012 ● Small Business Innovation Research Award.
- 2013 ● Certification of ISO 14001, OHSAS 18001.
- 2016 ● Set up of a subsidiary in SUZHOU.
- 2017 ● The 24th Taiwan SMEs Innovation Award.
- 2018 ● The 5th Dun & Bradstreet Top 1000 SMEs Elite Award.
- 2019 ● Approval of Action Plan for Accelerated Investment by SMEs.
- 2020 ●
 - The 17th Taiwan Golden Root Award.
 - Thermal AMC Prevention Unit(TAU) earned The 29th Taiwan Excellence Awards.
 - Certification of ISO 45001.
- 2021 ●
 - Completion of factory construction in Fengshan, Hsinchu County.
 - The 30th National Award of Outstanding SMEs, The 7th National Industrial Innovation Award, The 6th Certificate of Potential Taiwan Mittelstand Award.

Introduction

CHD TECH mainly provides mini-environmental control equipment and energy-saving services for semiconductor fabrication plants. we have been awarded numerous awards for innovative characteristics, and has received many awards from the president in person.

Our major customers include international semiconductor fabs, high-end IC packaging and testing plants and global semiconductor equipment manufacturers, with installed range spread across Taiwan, China, the United States, Germany, Switzerland, Japan, South Korea, Singapore and other places.



營運管理

- 一、領導人曾獲110年國家產業創新獎、104年百大MVP經理人、102年中華中小企業創新領袖獎。
- 二、台灣為主要研發中心基地，國內外總專利數共計53件，已獲得13項國內外研發創新獎項。
- 三、六年內導入5套MIS資訊系統，加班申請審核效率增加41%；請假申請審核效率增加69%；銷假信息審核效率增加93%。
- 四、加強經營半導體設備市場，結合策略合作夥伴以擴大市場銷售版圖，並持續耕耘半導體先進封裝市場，擴大市占率。



社會責任

- 一、理級以上(含)主管中，有近20%的主管比例為女性，不因性別或性傾向而有差別待遇。育有三歲(含)以下幼兒同仁，每月公司補助育兒津貼新台幣3,000元整。
- 二、在節能服務方面，迄今已為客戶節能4.03億度電，省下新台幣10.08億電費，為地球減少26萬噸二氧化碳，相當於659座大安森林公園全年碳吸收量。
- 三、捐贈總價值約450萬的空氣潔淨設備給國立清華大學、新竹曙光國小、觀音樹林國小、彰化頂庄國小。



綜合評語

- (1) 從事製程精密溫濕控制機組、節能潔淨工程等，為全球第三大精密製程環境溫控設備商。
- (2) 深耕臺灣，未來新建廠房設有先進研發實驗室，投注研發，將核心技術根留臺灣。
- (3) 奇鼎自主研發 AMC（氣態分子污染物）去除功能，利用水洗同時去除酸、鹼，揮發性有機物，創造出獨占市場產品。
- (4) 重視員工及消費者權益，設有員工接單獎勵，及訂有客戶服務處理程序，並建立性別平等工作環境，注重綠能環保與工安衛。

Export Competitiveness

- I. The accuracy of our Thermal Control Units is highest in this industry ($\pm 0.01^{\circ}\text{C}$), and we are the only manufacturer in Taiwan that has this capability.
- II. With our integrated technique, our exclusive AMC removal equipment is the one and only in Taiwan, and the removal efficiency can reach more than 90%.
- III. The recovery efficiency of Solvent Recycle Unit (SRU) is as high as 60% or more, which is more than double the 20-30% that can be recovered by Japanese, German, and British manufacturers.

Operation Management

- I. The Owner has won The 7th National Industrial Innovation Award, 100 MVP Managers and SME Innovation Leadership Award.
- II. With Taiwan as the main R&D center, there are 53 domestic and international patents, and 13 R&D innovation awards have been won.
- III. 5 sets of Management Information System (MIS) have been applied, and the efficiency of review and approval increased by 41-93%.
- IV. Strengthen the marketing strategy of Semiconductor Manufacturing Equipment, combine with strategic partners to expand the market sales territory, and continue to cultivate the IC advanced packaging market to expand market share.



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Social Responsibility

- I. Nearly 20% of the supervisors above the managerial level (including) are women, and there is no difference in treatment due to gender or sexual orientation. Parents with children under three years old (inclusive) will receive a monthly subsidy of NT\$3,000 for childcare.
- II. In terms of energy-saving services, we have saved our clients 403 million kWh of electricity and NT\$1 billion on power cost. We reduced 260 thousand tons of CO2 emission, equals to the carbon sink capacity of 659 Taan Parks.
- III. Donated air purifiers worth about 4.5 million to National Tsing Hua University, Hsinchu Private Shu Guang Elementary School, Taoyuan City Shu-Lin Elementary School and Changhua County Ding-Zhuang Elementary School.

