



Hong Kong 香港科技園
Science & Technology Parks

2004 Hong Kong Awards for Industry
**Technological Achievement
Certificate of Merit**

This certificate has been awarded to

Plasma Technology Limited

for achieving a high level of technological innovation,
commercialisation and the fostering of technology culture


Chairman

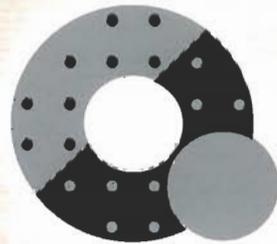
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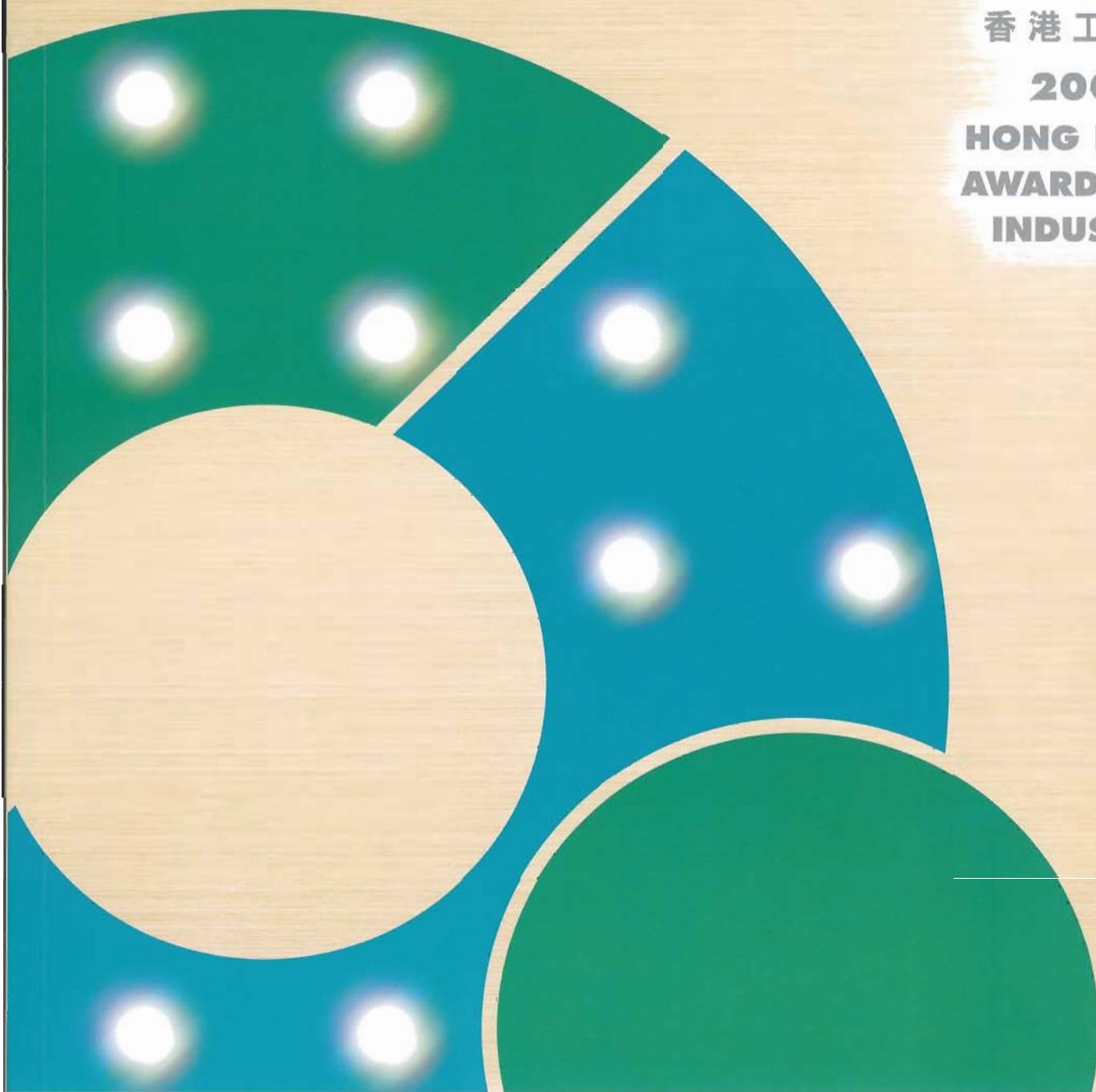
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香港工業獎
2004
HONG KONG
AWARDS FOR
INDUSTRY



Hong Kong
Productivity Council
香港生產力促進局



香港工業總會
Federation of
Hong Kong Industries



工業貿易署
TRADE AND
INDUSTRY DEPARTMENT



香港中華廠商聯合會
THE CHINESE
MANUFACTURERS'
ASSOCIATION
OF HONG KONG



Business
Environment
Council
商界環境委員會



香港貿易發展局
Hong Kong Trade Development Council



Hong Kong Science & Technology Parks
Science & Technology Parks



2004香港工業獎頒獎典禮
二〇〇四年十一月十五日

2004 HONG KONG AWARDS FOR INDUSTRY
AWARDS PRESENTATION CEREMONY
15 NOVEMBER 2004



Hong Kong Awards for Industry: Technological Achievement Winners
 Prof. Paul Chu (3rd row, second from left)
 Mr. Henry Tang, Hong Kong Financial Secretary (middle, front row)



Hong Kong Awards for Industry: Plasma Technology Ltd. Booth

2004 香港工業獎：科技成就優異證書

2004 Hong Kong Awards for Industry: Technological Achievement Certificate of Merit

進科研發有限公司 Plasma Technology Limited



進科研發有限公司製造的生物材料研究和工藝專用的
等離子體浸沒式離子注入機
*Plasma immersion ion implanter dedicated to
biomaterials research and processing produced by
Plasma Technology Ltd*

進科研發有限公司致力於設計和製造等離子體浸沒式離子注入及沉積系統等先進等離子體設備。公司也向大學、研發實驗室以及工業界提供關於等離子體表面處理工藝應用以及等離子體設備設計等方面的諮詢服務。公司旗下擁有位於中國成都的成都普斯特電氣有限責任公司。該子公司致力於設計和生產塗層、焊接等工業設備使用的開關式及脈衝電源供應器。

公司主要技術均來自自身研發以及香港城市大學等離子體實驗室。研究成果不僅涵蓋大量科技論文，還包括八項美國專利以及三項中國專利。公司許多的創新成果常被國際貿易雜誌和互聯網上的電子期刊報導。



等離子體浸沒式離子注入機產品(自左)：
工業用切割刀片、人造髖關節、人造心臟瓣膜、
矽表矽子基底
*Products of plasma immersion ion implanter
(from left): industrial cutting blades,
artificial hip joints, artificial heart valves,
silicon-on-insulator substrates*

Plasma Technology Limited specialises in the design and production of advanced plasma equipment such as plasma immersion ion implantation and deposition systems. The company also offers consultancy services to universities, R&D laboratories as well as the industrial sector on the application of plasma surface treatment technologies as well as the design of plasma-based equipment. Plasma Technology Limited co-owns Chengdu PulseTech Electrical Company Limited based in Chengdu, China. The subsidiary company specialises in the design and production of switching and pulsing power supplies for industrial equipment such as coating and welding machines.

The majority of the company's technologies are developed internally as well as by the Plasma Laboratory of the City University of Hong Kong. The innovations have generated not only a large number of technical and scientific papers but also 8 US and 3 Chinese patents. A number of Plasma Technology Limited's innovations and achievements have been featured in international trade magazines as well as e-journals on the internet.

評審委員會評語

進科的管理團隊擁有雄厚的行業背景及良好的形象。一流的等離子體科技配合獨有的知識產權及先進的技術，是其成功的主要原因。

Comments from the judging panel

The management team has strong industry background and positive image. Its first class talents in plasma technology, with good IP and technology edge are the key to success.