



9th

Introductions to the Winners of the

National Industrial Innovation Award

Outstanding Innovation Award

Small and Medium Enterprises

MicroBase Technology Corp.



Key Features

Founded in 1997, MicroBase Technology is a global leader in industrial inkjet head elements and aerosol drug delivery solution. Leveraging laser micromachining, it has achieved remarkable advancements in industrial inkjet head elements, securing 90% of the market share in Taiwan. With keen foresight, they pioneered laser microperforation and extended its applications into biotechnology and healthcare, particularly in the field of precision medicine. By integrating intelligent design with vibrating mesh nebulizer, its advanced inhalation solutions are shaping new frontiers in aerosol drug delivery solution. MicroBase launched the global first polyimide (PI) material inline nebulizer, approved by the Taiwan FDA for ventilator inhalation therapy. They operate the world's only third-party laboratory accredited to conduct in-vitro testing of DPI, pMDI and portable nebulizer products in compliance with international standards and pharmacopeias (USP 1601, EP 2.9.44, ISO 27427, BS EN 13544-1, EN ISO 27427). Driving the advancement of global medical technology. In response to long-term care policies, it developed a hands-free homecare nebulizer to improve healthcare efficiency. Using 0.9% saline solution from the start of cold symptoms helps clear nasal passages, reduce mucus, and shorten illness. With a portfolio of 494 core patents and the development of 11 to 20 new products annually, it has successfully turned its business from losses to profitability through strategic business transformation to achieve significant growth in both gross profit and revenue. By deepening technological innovation, it advances the medical and precision manufacturing industries while strengthening its global competitive edge.



Guiding Philosophy

From precision manufacturing to precision medicine, always in service to humanity.

— Rick Liu, CEO —



Company Profile & Business Contact Information

Core Business

1. Aerosol Drug Delivery Solution
 2. Industrial Inkjet Head Elements
 3. Inhalation Analytic and Calibration Lab
 4. Microneedles Skincare
 5. CDMO
- Covering Polymer Micro-holes, Microfluidics, and Combination Products

Establishment Date	1997-05-12
Chairman of the Board	Leo Lee
Number of Employees	80
Capital / Registered Capital	NT\$ 802 million
Main Products / Services	Nozzle Plate, Pocket Air Mesh Nebulizer & Soft Mist Inhaler, Insoluble/Soluble Microneedles
Certifications / Awards	CE, FDA, ANVISA, TGA
Address	No. 756 Jiadong Rd., Bade Dist., Taoyuan City, 334015, Taiwan
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Website	https://www.microbasetech.com/

