



MICROBASE[®]
TECHNOLOGY CORP.

About Us

Micron Technology Powering the Future of Precision Medicine

Founded in 1997 during the rapid growth of the global ICT industry, MicroBase Technology was established with support from Taiwan's government and Industrial Technology Research Institute to advance precision manufacturing technologies.

The name "MicroBase" represents our core strength "micrometer" level engineering. Using advanced LIGA microfabrication, we master ultra precise measurement and processing to create highly reliable microstructures.

From industrial inkjet and laser drilling technologies to pharmaceutical aerosol drug delivery, we continuously explore how technology can serve new fields, transforming precision engineering into meaningful healthcare innovation.

Connecting Global Markets Through Patented Innovation

More than a technology partner, MicroBase is a trusted foundation for customers expanding into global markets. With over 176 global patents, nearly 70% granted as utility patents, we provide stand out technical differentiation and robust market protection.

We offer one stop CDMO services covering micro holes, microfluidics, and dissolvable microneedle technologies. By integrating precision manufacturing with strategic IP deployment, we help pharmaceutical, biotech, and industrial partners extend patent lifecycles and strengthen global competitiveness.

Grade Quality Management

All products are manufactured and supplied under global quality standards, ensuring medical safety, strict quality control, and high manufacturing efficiency.

It has continuously achieved multiple international certifications, including ISO 9001, ISO 22716, ISO 13485, CE, FDA, TFDA, NMPA, QMS0998, and an ISO/IEC 17025 accredited third-party laboratory, ensuring world class quality and consistency across all products and services.



Vision

Becoming the global preferred partner for high quality manufacturing solutions. In the fields of respiratory healthcare, ink cartridge nozzle plates, and beauty products, we set the standards for innovation, reliability, and sustainability. Through continuous efforts and constant innovation, we are dedicated to providing excellent solutions to meet the growing demands of our customers and to stand out in the industry.

Mission

Providing innovative services. We aim to exceed customer expectations and promote industry development through continuous efforts and collaboration with various partners. By actively expanding into different markets and diversifying our sales portfolio, we contribute to the growth and success of our partners and stakeholders, driving progress and development in the industry.

Value

Implementing strict quality control measures at every stage of the manufacturing process. We optimize production yield and efficiency to strengthen product competitiveness. This includes comprehensive inspection, testing, and adherence to international quality standards. Our goal is to produce products that meet or exceed customer expectations, ensuring their reliability and quality.

Innovation

The world's first successful production of the SOMIST® soft mist inhaler, integrating drug and device.

Product

The first in Taiwan to sell the GOCare® hands-free home nebulizer.

Research & Development

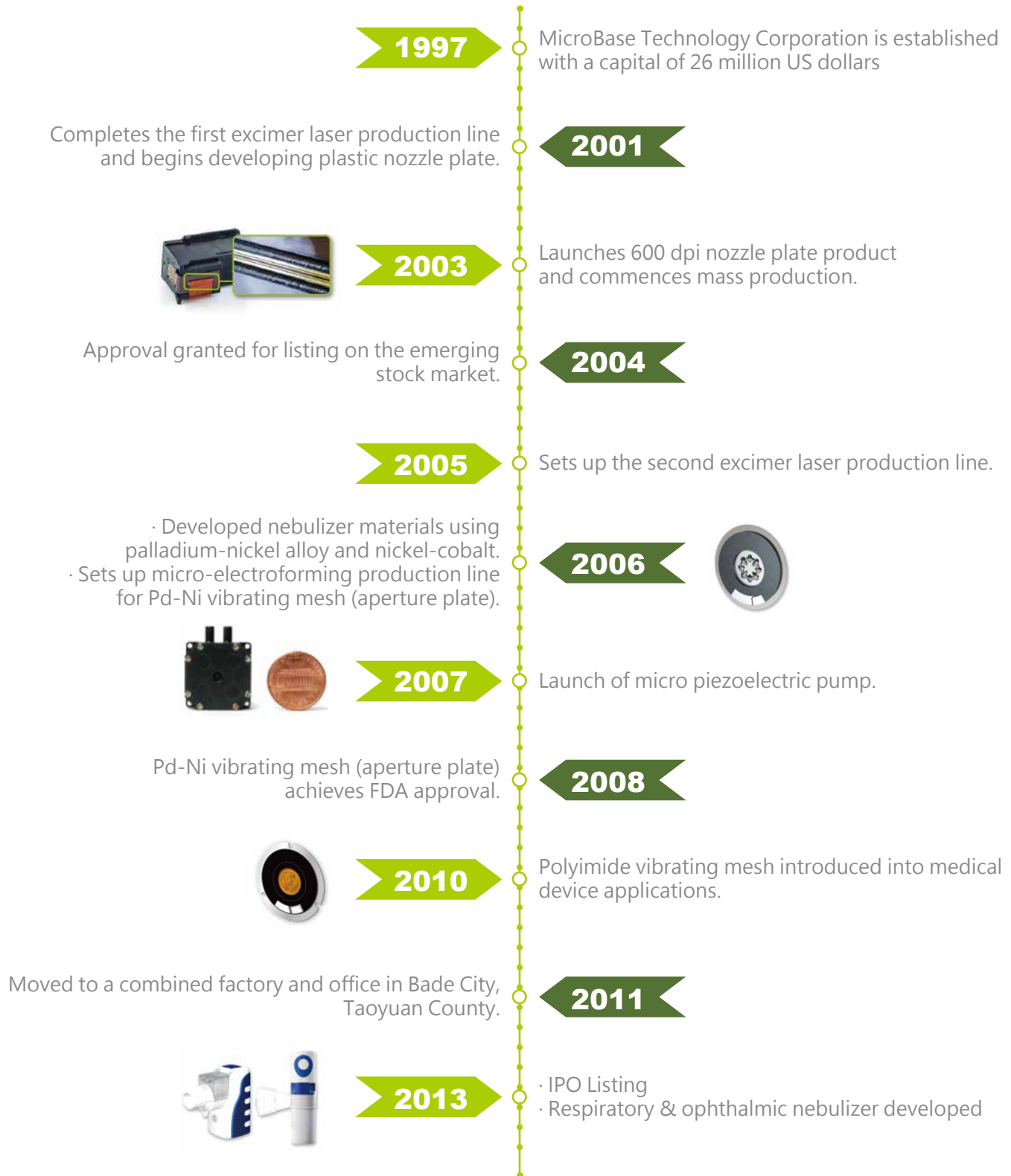
Successfully developed the LoyalCare® nebulizer connected to ventilators, breaking the monopoly of a single major manufacturer.

Technology

The first in the world to develop and sell SILENTNEB™ detachable nebulizer technology, offering rental services to reduce treatment costs.

Aerosol Drug Delivery Solution

Milestones



2014

- GOCare achieves CE 0120, TFDA Class II medical device approval.
- Complete respiratory system lab.
- Complete polyimide vibrating mesh.

LoyalCare awarded product of outstanding Interest in ERS International Congress.

2015

2016

The establishment of a subsidiary in Shanghai.

- GOCare achieves FDA cleared.
- Developing Microneedle beauty products.

2017



2018

Signed a USD 15 million technical cooperation agreement with Tianjin Jinyao Group.

- SILENTNEB approved by NMPA.
- The world's first company to develop the detachable nebulization technology SILENTNEB
- Launched LoyalCare inline system nebulizer for use in hospitals and long-term care centers.

2019



SOMIST



2020

- The Rumor microneedle series achieves Halal Certificate.
- Developed SOMIST soft mist inhaler that does not require propellants.

GOCare achieved medical device certification in Australia and Brazil.

2022



2023

- Calibration lab achieves ISO/IEC 17025 certification
- Approved biotech and pharmaceutical company
- Launched GOCare senior edition, designed for children and the elderly.

GOCare

- LoyalCare nebulizer system was awarded the Taiwan Excellence Award and has obtained the Taiwan Medical Device License.
- Launched Taiwan first GOCare hands-free nebulizer.

2024



2025

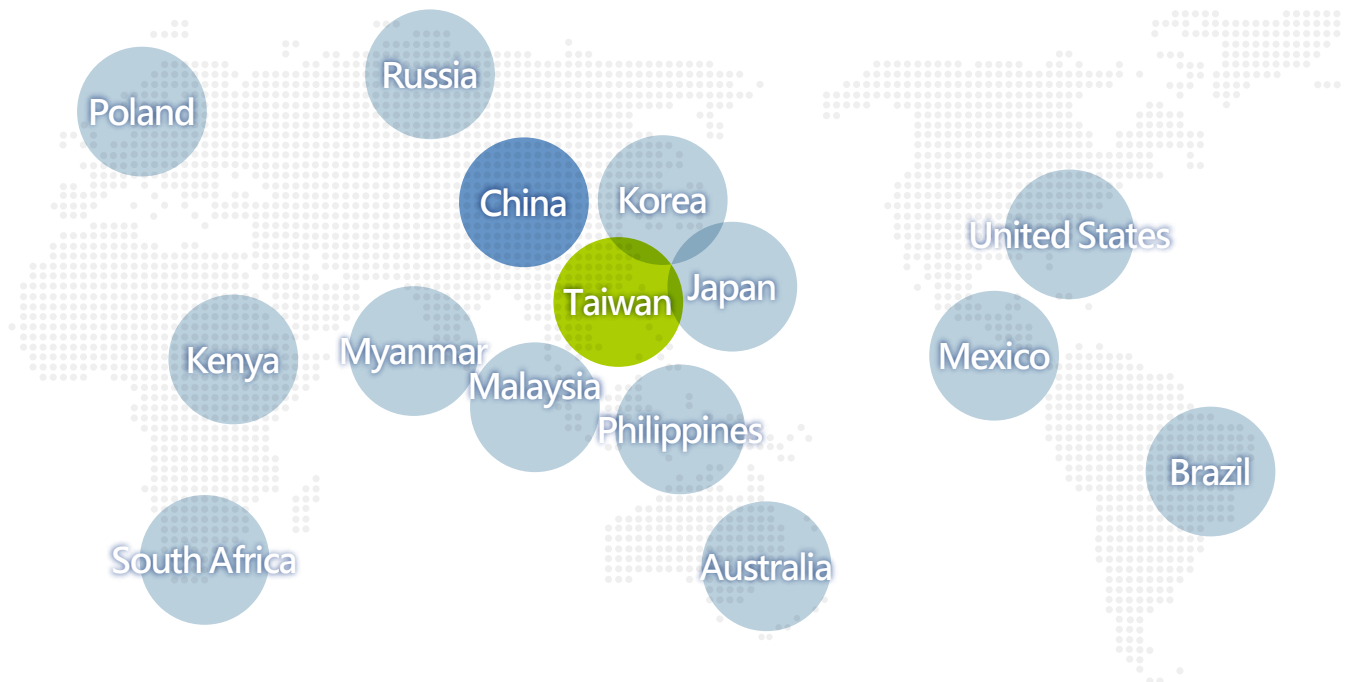
- MicroBase awarded 9th National Industrial Innovation Awards of the Outstanding Enterprise Innovation Award (Small and Medium Enterprises).
- Obtaining Medical Device Authority (MDA) license in Malaysia for GOCare® portable mesh nebulizer.

- Obtaining EU MDR certification for GOCare® portable nebulizer and LoyalCare® Nebulizer System.
- Obtaining Therapeutic Goods Administration (TGA) License in Australia for LoyalCare® Nebulizer System.
- 4.32" Industrial TIJ Nozzle Plates for Aggressive Solvent Inks.

2026



Sales Markets



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Head Quarter

Established May 12, 1997

Capital US\$26 million

No. 756, 758, Jiadong Road, Bade District,
Taoyuan City, Taiwan

Subsidiary

Established Feb 3, 2016

Unit I302, 3rd Floor, Building 7, No. 1188
Lianhang Road, Minhang District, Shanghai

Business Scope

- Contract Development and Manufacturing Services
- Nebulizer Drug Delivery Solution
- Polyimide Nano Laser Processing
- Microneedle Medical Beauty
- Ink Cartridge Nozzle Plates
- ISO/IEC 17025 Inhalation Product In Vitro Testing and Analysis Laboratory

Global Patent

Global Presence in 31 Countries

A robust patent portfolio with long term protection of proprietary manufacturing processes and critical technologies across the U.S., EU, and Asia.



From Patents to Profitable Innovation

Through an end-to-end CDMO (Contract Development and Manufacturing Organization) model covering R&D, process development, validation, regulatory submission, and market entry, MicroBase helps clients reduce development costs and technical risks, accelerate global regulatory approval, and transform innovation into commercially viable assets.

- Global patent deployment secures technological leadership.
- Reduces IP risks during scale-up.
- Shortens time to market.
- Increases commercialization success.

Aerosol Drug Delivery Solution



Homecare

GOCare®
Hands-Free Nebulizer

LoyalCare®
Inline Nebulizer

**ICU
Long-Term Care**



**Hospital
Clinic**

SILENTNEB
Disposable Mesh Cup Nebulizer

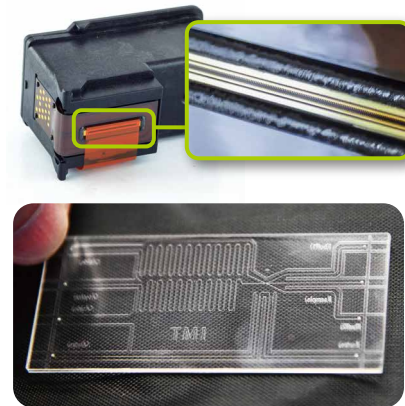
SOMIST®
Combination Product

Combination Product



Precise Flow Perfect Nozzle Plate

MicroBase utilizes a stable laser source and precise alignment equipment in Laser-LIGA technology. We have extensive experience in laser drilling, laser cutting, and the measurement systems of automatic semi-automatic processes.



Revolutionizing Skincare with Microneedles

Utilizing yellow light and a non-silicon-based electroplating molding process alongside microneedles, a cutting-edge cosmetic technology, the MicroBase features microneedles typically measuring under 3 microns in diameter and 1-100 microns in length. Its distinctive hypercube microcrystalline structure enhances skin penetration through rapid vibrations, oscillating ten times per second in both upward and downward directions, creating micro-channels in the skin. This facilitates the effective penetration of tough cuticles, enabling a deeper and more efficient delivery of skincare products, effectively doubling the skin's absorption capacity.



In-Vitro Performance Testing Services and Calibration Services

Analytic Lab is a fully accredited ISO/IEC 17025 laboratory specializing in performance testing of inhaled products. We provide comprehensive analytical services for the development and customization of inhaled delivery device, starting from early phase to regulatory submission and commercialization. With decades of experience, we can help you succeed in bringing inhaled products to market.



MICROBASE[®]

TECHNOLOGY CORP.

| Innovate | Impact | Inspire |

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