

SILENTNEB



MICROBASE
MicroBase Technology Corporation



LoyalCare



GoCare

Aerosolize-respiratory-therapist technology

ART



SOMIST



POCKET AIR
Aerosol Drug Delivery Solutions

Originated from Taiwan · Excellent in R&D.

Over one million units have been sold worldwide and well cooperate with the world's top pharmaceutical companies.

MicroBase Technology Corporation was founded in 1997 in Taiwan. We are dedicated to developing "ART (Aerosolize-respiratory-therapist technology" by using vibrating mesh technology and mechanical actuating technology that could be applied to a safe and affordable medical device for our clients and users in the world.

After decades of development, MicroBase becomes a professional Aerosolize-respiratory-therapist technology solution company. We apply vibrating mesh technology and mechanical actuating technology to produce many different kinds of products in the medical device industry, for example, open-system nebulizers, closed-system nebulizers, and inline system nebulizers, which products could be used in home-care and hospital channels.

Has obtained ISO9001, ISO13485 and other relevant certifications over the years to provide customers with products that are safe, reliable, convenient, comfortable and efficient.



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We are also developing to provide a safe, efficient, and convenient drug delivery system to all patients and healthcare professionals in the world. MicroBase adopts a collaborative approach while working with partners around the world, and we welcome and seek any collaboration opportunities in developing combination products with pharmaceutical companies. We believe that we are reliable partners with full experience with international companies.

ADEPT

Aerosolized-Designed Electrically-activated Polyimide-mesh Technology

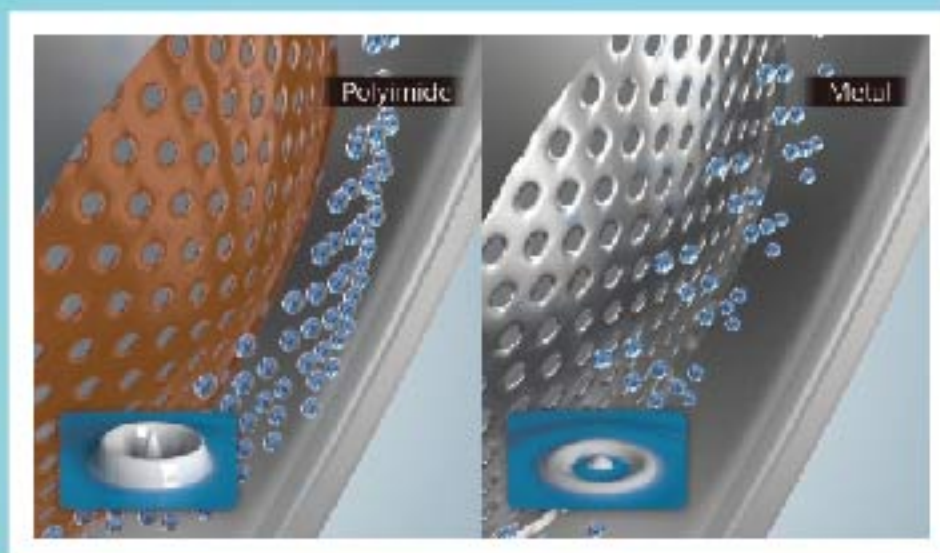


Technical Features

Polyimide mesh module with tiny and arranged orderly particle size provides better atomization.

Mesh
(Aperture Plate)

PZT
(Vibrational Element)



Material Features

Unique PI mesh

Polyimide Mesh has excellent biocompatibility, durability and corrosion resistance which result a higher safety on different drugs and applications.

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Portable Mesh Nebulizer



This Nebulizer is designed to 74g for easy to portable and simple one-button operation, it is perfect for use anytime at home.

The inclined groove at bottom of the medication cup leaves the liquid automatically gathered.



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EASY TO USE



EFFICIENT



POCKET SIZE

Specification	Pocket Air® Portable Nebulizer
Size	76.5 (L) x 41 (W) x 73 (H) mm
Weight	74g (without battery)
Aerosol Rate	≥ 0.25 mL/min
Particle Size	MMAD <5um
Medication Cup Capacity	Lower Respiratory Tract

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Setup with the following equipment...

High Frequency Oscillatory Ventilation, HFOV
High Flow Nasal Cannula, HFNC
Nasal Continuous Positive Airway Pressure, nCPAP
Non-Invasive Ventilation, NIV



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EASY TO SET UP



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SINGLE THERAPY USED

Specification	Inline Nebulizer
Weight	Approx. 130g (without accessories)
Aerosol Rate	≥ 0.2 mL / min
Particle Size	$\leq 5\mu\text{m}$ (MMAD)
Medication Cup Capacity	Maximum 6 mL

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Advantage of Disposable Mesh Cup is to...

Reduce the risk of medicine cross-contamination

Reduce the risk of patient cross-infection

Avoid the low aerosol performance

Avoid the clean issue



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HIGH DRUG DELIVERY



LOW RESIDUE



**LOW AEROSOL
LEAKAGE**

Specification	Inline Nebulizer
Weight	Approx. 105g (without accessories)
Aerosol Rate	≥ 0.25 mL/min
Particle Size	Approx. 5 μ m (MMAD)
Medication Cup Capacity	Maximum 8 mL

SOMIST

This inhaler is a medical device fill in aerosolization medicine or related formulation for respiratory treatments.

It's a friendly-used device for users by providing fine particle and slow-spraying aerosol.

This device uses without an electric trigger and propellant free.

It only needs twist, open and press while using the device.





MicroBase Technology Corp. also has a laboratory which passed the evaluation of MRA signatory member of the International Laboratory Accreditation Alliance (ILAC) for three consecutive years since 2017, and obtained the ISO17025 laboratory certification. With ISO17025 certification, our laboratory has the authority to do the tests and provide credibility data report to respiratory companies.

With these leading end instruments and testing requirements in line with international standards, the nebulizer can provide more practical scientific data on the performance of different drugs to accurately monitor the quality of products.

Quality is the basis for continuous promoting product performance and as the foundation to become a leader in the field of respiratory therapy medical equipment.



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