

Charm

Be Charming Be Happy

2025

Advanced Waterless
Fragrance Technology



Charm

Guangzhou Changmu Technology Co., Ltd.

Scent Factory



Welcome

Our Story: The Genesis of Charm

When our founder, Li Yujie, recognized a glaring gap in the market for high-quality scent diffusion systems, he made a pivotal decision: to pioneer and manufacture exceptional waterless two-fluid scent diffusion machines for both commercial and residential markets worldwide.

This founding mission continues to drive us. At Charm, we operate with a profound respect for our clients and the market, consistently pushing beyond our limits to innovate. We foster a culture of balanced and pragmatic management, united by a common goal: to co-create a happier, more charming living experience for all. We are dedicated to enhancing the world's fragrance landscape through innovation that is more sustainable, more efficient, and more beautiful.

Our Journey of Innovation

By the end of 2018, we successfully developed our first-generation prototypes: the battery-operated CH118 and the plug-in CH119, designed for smaller spaces.

In October 2019, we achieved another breakthrough with our first dedicated commercial-grade machine and the accompanying MUTECH mobile application.

By 2021, our commitment to quality had gained global trust, extending our services to clients in over 60 countries.

In April 2022, we unveiled our second-generation, user-centric platform with the SCENTLIFE application, significantly elevating the user experience.

By the end of 2024, we proudly expanded our portfolio with the launch of our simplified setup series for home use.

Today, our diverse clientele includes scent marketing specialists, wholesalers, international traders, cross-border e-commerce sellers, and retail brands seeking custom OEM solutions.

Looking Forward

As we advance, we are committed to leveraging our proven success and innovative spirit to empower all our partners. Our future is dedicated to ensuring they not only succeed but radiate their unique brilliance in the markets they serve.



Why Waterless? The Smarter Way to Fragrance.

Traditional scenting methods are flawed. Aerosols are wasteful and weak. Candles are a safety risk. Water-based diffusers breed mold, require constant cleaning, and dilute fragrance. You've been choosing between inconvenience, cost, and risk.

Our Solution: Waterless Two-Fluid Technology.

We engineered a superior way to fragrance spaces. By using air—not water—to diffuse pure fragrance oil, we deliver performance that translates directly to your bottom line.

- **Maximum Efficiency, Minimum Waste:** We diffuse 100% pure fragrance oil. No water dilution means stronger scent impact with less oil and long-lasting refills, slashing your long-term cost.
- **Zero Maintenance:** No water means no mold, no calcification, and no daily cleaning. Your staff's time is better spent elsewhere.
- **Powerful, Dry Diffusion:** Experience consistent, even scent coverage without wet residue that damages furniture or electronics.
- **Inherently Safer:** Eliminate the fire risk of candles and the electrical hazards of water-based units.

Stop paying the hidden costs of traditional methods. Choose a technology designed for performance and savings.



The Science of Scent: Engineered for Excellence.

Two-fluid atomization, also commonly known as twin-fluid or pneumatic atomization, is a process of liquid disintegration that utilizes a high-velocity stream of a second fluid (almost always a gas, such as air, nitrogen, or steam) to shatter a bulk liquid into a fine spray of droplets.

The core principle is the transfer of kinetic energy from the high-velocity gas to the relatively slow-moving liquid. This energy overcomes the liquid's surface tension and viscous forces, which naturally resist the creation of new surface area, resulting in the formation of droplets.

Key Distinction from Single-Fluid Atomization:

Single-Fluid (Pressure) Atomization: Relies solely on forcing the liquid itself at high pressure through a small orifice. The energy for breakup comes from within the liquid.

Two-Fluid (Pneumatic) Atomization: Uses an external source of energy (the pressurized gas) to achieve atomization. This allows for effective atomization of more viscous liquids and the production of much finer droplets at lower liquid pressures.

Atomization in a two-fluid nozzle is a staged process. A high-velocity gas stream creates shear forces on the liquid, forming unstable waves on its surface. These waves break into ligaments, which then fragment into droplets due to surface tension. Larger droplets may undergo secondary breakup if aerodynamic forces overcome surface tension, resulting in a final distribution of droplet sizes.

Key Stages Simplified: Gas Shears Liquid: High-speed gas creates waves on the liquid surface. Ligaments Form: Waves stretch into thin filaments. Droplets Pinch Off: Surface tension breaks ligaments into primary droplets. Possible Secondary Breakup: Large droplets may shatter further.



Advantages and Disadvantages

Advantages:

Fine Droplets: Capable of producing the finest droplets of any atomization method.
Handles Viscous Liquids: Effective with liquids that are too viscous for pressure swirl atomizers.
Low Liquid Pressure: The liquid can be supplied at low pressure (sometimes just gravity-fed), simplifying pumping requirements.
Good Turndown Ratio: Spray quality can be maintained over a wide range of liquid flow rates by adjusting the gas flow.
Clogging Resistance (External-Mix): Less susceptible to clogging than small-orifice pressure nozzles.
Smart Control: WiFi/Bluetooth connectivity, app control, programmable timers.
Adjustable Intensity: Customizable scent strength to suit any space.

Disadvantages:

High Energy Consumption: Compressing the atomizing gas is often more energy-intensive than pumping the liquid to high pressure.
Operating Cost: Requires a continuous supply of clean, compressed gas and the atomizer system.
Noise: The high-velocity gas stream can generate significant noise.

In summary, two-fluid atomization is a versatile and powerful technology for creating fine sprays, valued for its ability to handle difficult liquids and produce small droplets, albeit at the cost of requiring a source of compressed gas. Its design and operation are a sophisticated balance of fluid mechanics, energy transfer, and practical engineering.



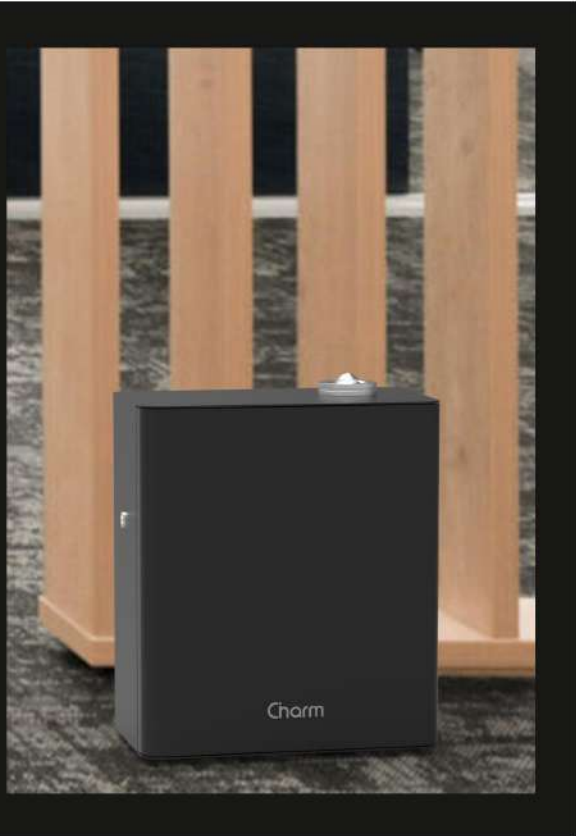
Our Product Line

A Diffuser for Every Space.

Commercial Series:
For large, high-traffic areas.

Residential Series:
For luxury homes and apartments.

Aroma oils Series:
For commercial, household and car
places..





Commercial Series

For large, high-traffic areas.

Elevate the Experience, Boost the Bottom Line: The Power of Commercial Waterless Scent Machines

In the competitive world of commerce, every detail counts. From the visual merchandising to the background music, businesses are constantly seeking ways to create a memorable brand experience. But there's one powerful, often underutilized sense that can directly influence customer perception and behavior: the sense of smell. Enter the Commercial Waterless Scent Machine Series—the innovative solution for transforming large, high-traffic environments into powerful, scent-branded spaces.

What is a Commercial Waterless Scent Machine?

A commercial waterless scent machine is a sophisticated, high-capacity diffusion system designed for large-scale environments like hotel lobbies, shopping malls, casinos, car dealerships, and corporate headquarters. Unlike simple plug-in air fresheners or traditional misting systems, these machines are engineered for performance, durability, and seamless integration.

Key Features:

Waterless Technology: They use cold-air diffusion or nebulization to break down premium fragrance oils into an ultra-fine, dry vapor. This prevents any wetness or residue on furniture, electronics, or fabrics, making them ideal for high-end spaces.

High-Capacity & Wide Coverage: Built with large tanks and powerful fans, a single unit can effectively scent thousands of square feet, ensuring a consistent and even fragrance distribution.

Programmable & Automated: These systems can be set to run on custom schedules, adjusting intensity based on time of day or foot traffic. This ensures optimal fragrance levels while maximizing the lifespan of the fragrance oil.

Discreet & Professional Design: Often housed in sleek, minimalist cabinets, they blend unobtrusively into any commercial decor.

Why Do Commercial Places Need Scent Machines? The need goes far beyond simply making a space smell pleasant. Scent machines are a strategic tool for addressing core challenges in commercial environments.

Creating a Powerful First Impression: The moment a customer walks in, scent is the first and most immediate sensory signal they receive. A clean, inviting, and brand-appropriate fragrance creates a positive and lasting first impression, signaling quality and attention to detail.

Masking Unwanted Odors: High-traffic areas inevitably come with unwanted odors—from food courts and restrooms to crowded elevators and the smell of cleaning chemicals. A professional scent machine effectively neutralizes and masks these negative smells, maintaining a consistently pleasant atmosphere.

Enhancing Brand Identity (Scent Branding): Just as you have a logo and a color scheme, you can have a signature scent. Scent branding creates a unique sensory fingerprint that makes your brand more memorable and distinguishable from competitors. A luxury hotel might use a calming sandalwood and vanilla scent, while a beachfront resort may opt for fresh coconut and sea salt.

Improving the Overall Customer Experience: A pleasing scent environment makes people feel more comfortable, relaxed, and welcome. This enhanced experience encourages customers to stay longer, explore more, and form a positive emotional connection with your brand.

The Commercial Waterless Scent Machine Series provides the invisible advantage that can transform a generic commercial space into an unforgettable brand destination.

Commercial Machine



CH118 BATTERY DIFFUSER

Up to 300m³
150ml



CH119 PLUG DIFFUSER

Up to 1 000m³
150ml



CH121 LOBBY DIFFUSER

Up to 3 000m³
1L



CH120 SMALL DIFFUSER

Up to 1 000m³
150ml



CH122 MEDIUM DIFFUSER

Up to 3 000m³
500ml



CH123 LARGE DIFFUSER

Up to 6 000m³
1L



CH125 SINGLE DIFFUSER

Up to 6 000m³
1L



CH126 DOUBLE DIFFUSER

Up to 12 000m³
1L

Residential Series

For luxury homes and apartments.



The Art of Atmosphere: Transforming Your Home with a Residential Scent Machine

Your home is your sanctuary, a reflection of your style and a haven for your well-being. You've curated the visual aesthetics with art and design, selected the perfect sound system for ambiance, and invested in tactile comforts. Yet, there is one powerful, often overlooked sense that holds the key to truly completing your environment: the sense of smell. For those who seek the pinnacle of luxury living, the Residential Series Scent Machine is the final piece in crafting a perfectly bespoke atmosphere.

What is a Home Scent Machine?

A home scent machine is an advanced, discreet device designed to continuously and evenly diffuse fragrance throughout your living space. Moving far beyond simple candles, plug-ins, or reed diffusers, these systems offer a new level of sophistication, control, and purity in home scenting.

Key Features of a Luxury Residential Scent Machine:

A. Elegant, Discreet Design: Crafted from materials like brushed metal, matte finishes, or hand-blown glass, these machines are designed to be a subtle accent to your decor, not a distraction.

B. Waterless Diffusion Technology: Using cold-air or nebulizing technology, the machine transforms premium fragrance oils into an ultra-fine, dry vapor. This ensures no residue, moisture, or soot damages your fine furnishings, artwork, or electronics.

C. Complete Customization & Control: With smartphone apps or remote controls, you can adjust fragrance intensity, set schedules, and switch between scents. Imagine your home waking you with a gentle burst of energizing citrus and transitioning to a calming lavender as you prepare for bed.

D. Whole-Home Coverage: Powerful enough to scent an entire apartment or multi-room floor plan from a single, strategically placed unit, ensuring a consistent and inviting aroma from the foyer to the bedroom.

How Does a Scent Machine Help Increase Your Quality of Life?

A. Elevating Daily Routines: Scent can frame your day. Program your machine to diffuse an invigorating blend of eucalyptus and peppermint in the home gym, a focus-enhancing rosemary and lemon in the office, and a serene chamomile and sandalwood in the bedroom. This transforms ordinary routines into curated, sensory experiences.

B. Reducing Stress and Promoting Relaxation: The direct link between scent and the brain's limbic system means certain fragrances can directly reduce cortisol (the stress hormone) levels. Coming home to a calming scent like lavender or frankincense can instantly signal to your mind and body that it's time to unwind and de-stress.

C. Enhancing Emotional Well-being and Memory: Fragrances are powerful memory triggers. By associating specific scents with your home—a place of safety and comfort—you strengthen positive emotional connections. This creates a deeper sense of belonging and contentment within your own space.

D. Creating a Perceptibly Cleaner Environment: A consistently fresh-smelling home is perceived as a cleaner home. This provides peace of mind and a sense of pride in your living space, allowing you to fully relax and enjoy your environment without subconscious concerns about air quality or hidden odors.

A Residential Series Scent Machine is an investment not just in your property, but in your daily quality of life—transforming a house from a structure of walls and furniture into a deeply personal, emotionally resonant, and perfectly curated sanctuary.

Residential Machine



L150 SMALL DIFFUSER

Up to 150m³
120ml



L500 MEDIUM DIFFUSER

Up to 500m³
150ml



L3000 LARGE DIFFUSER

Up to 3 000m³
800 ml



CH117 CAR/ HOME DIFFUSER

Up to 60m³
10ml



S300 PLUGIN DIFFUSER

Up to 150m³
150ml



S1000 PLUG DIFFUSER

Up to 1 000m³
150 ml



B1000 SMALL DIFFUSER

Up to 1 000m³
150 ml



B1300 MEDIUM DIFFUSER

Up to 1 500m³
500 ml



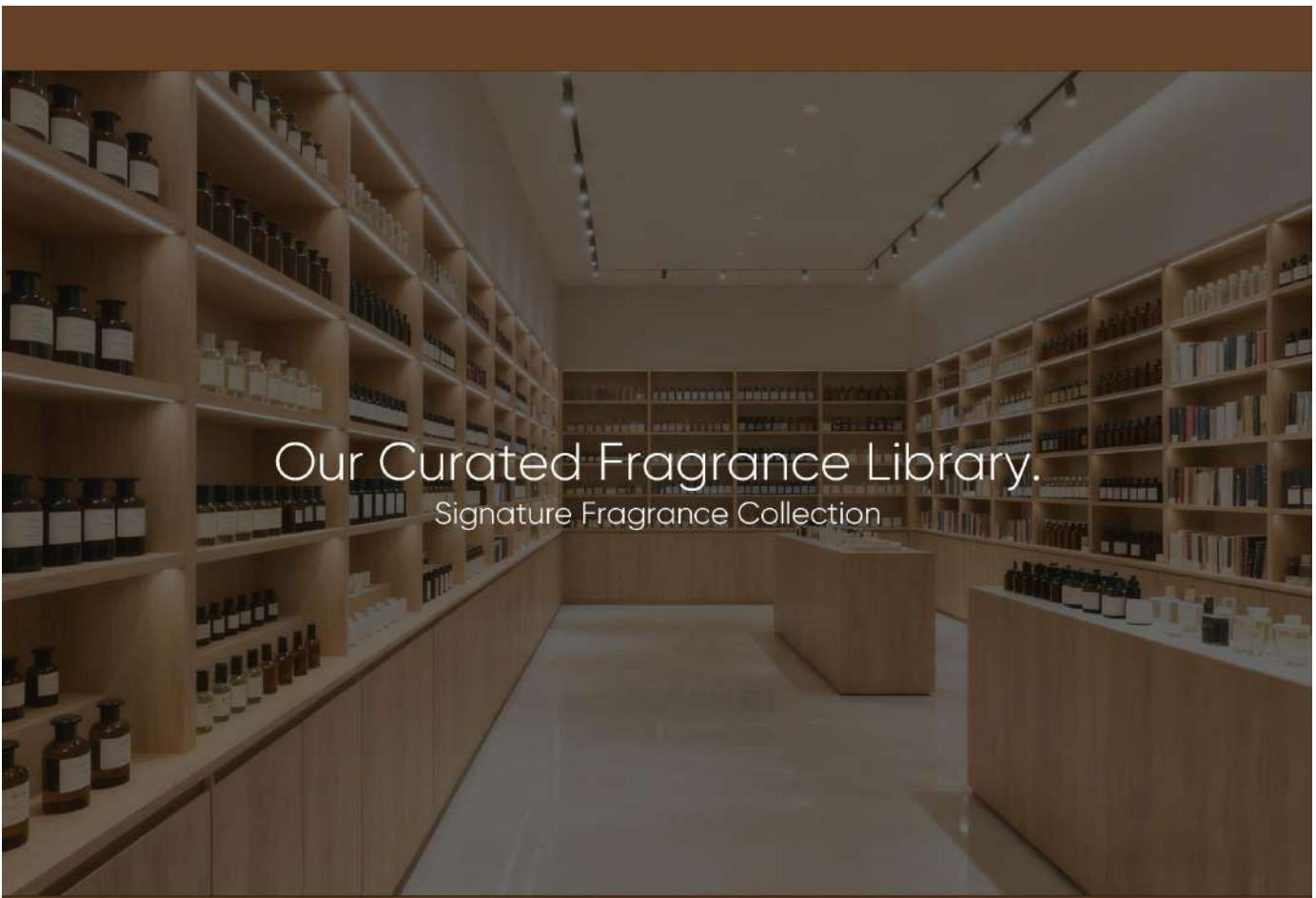
B3000 BIG DIFFUSER

Up to 3 000m³
800 ml



B6000 HUGE DIFFUSER

Up to 6 000m³
800 ml



Our Curated Fragrance Library. Signature Fragrance Collection

Elevate Every Space: The Power of Professional Scent Solutions Crafting Atmospheres, Inspiring Emotions

In today's world, a space is more than just four walls. It's an experience. Scent, being the most direct link to memory and emotion, is a powerful yet often overlooked tool to define that experience. Our professional-grade space fragrance oils are meticulously engineered to transform any environment, enhancing both commercial appeal and personal well-being.

Part 1: The Transformative Power of Scent

A. For Commercial Spaces: The Scent of Success

In a competitive landscape, every detail counts. Strategic scenting, or ambient scent marketing, is a proven method to create a lasting brand impression and influence behavior.

- **Strengthen Brand Identity:** A signature scent becomes an invisible logo. It reinforces your brand's character—whether it's the calming lavender in a spa, the crisp, clean linen in a boutique hotel, or the energizing citrus in a corporate office.
- **Enhance Customer Experience:** A pleasant aroma is the first welcome. It makes customers feel comfortable, valued, and more inclined to stay longer, which can directly increase dwell time and spending.
- **Boost Employee Productivity & Morale:** In offices and workspaces, the right scent can reduce stress, improve focus, and increase alertness. Peppermint or lemon can invigorate the mind, while subtle woody notes can create a grounded, focused atmosphere.
- **Create a Memorable Impression:** Scent is strongly tied to memory. A unique and appealing ambient fragrance ensures your business is remembered long after a customer has left.

B. For Residential Spaces: The Essence of HomeYour home is your sanctuary. Our oils allow you to curate the perfect atmosphere for every moment and mood.

Set the Desired Mood: Instantly create an ambiance tailored to your needs. Energize your morning with vibrant citrus in the kitchen, promote relaxation with soothing lavender in the bedroom, or

create a warm, inviting atmosphere for guests with vanilla and spice in the living room. **Personalize Your Environment:** Your home should reflect you. Scent is the ultimate form of personal expression, allowing you to build an aromatic landscape that is uniquely yours.

Support Well-being & Rituals: Incorporate scent into your daily routines. Use calming chamomile for yoga and meditation, or invigorating eucalyptus to create a spa-like experience in your bathroom.

Neutralize Odors Naturally: Effectively eliminate cooking, pet, or stale odors by replacing them with beautiful, natural fragrance layers instead of merely masking them.

Part 2: Our Uncompromising Commitment to Quality

To achieve the perfect scent experience, consistency and quality are paramount.

Globally Sourced, Guaranteed Consistency: Our fragrance oils are crafted using raw materials sourced exclusively from the world's top 10 fragrance houses. This strategic partnership guarantees batch-to-batch stability, unparalleled quality, and access to the most innovative aroma molecules and natural extracts. You can be confident that the scent you love today will be identical to the one you receive tomorrow.

Engineered for Perfect Diffusion: Quality ingredients are only the beginning. Our oils are expertly balanced to ensure the optimal molecular weight and viscosity for diffusion. This means our fragrances release evenly and consistently into the air, creating a perfect, non-oily mist that fills your space with a well-balanced aroma from top note to base note.

Extended Fragrance Life: We understand the importance of value and performance. Our oils are stabilized to offer an impressive 18-month lifespan from the date of manufacture, ensuring your investment retains its aromatic integrity over time.



Premium Aroma Essential Oils: Quality, Purity, Longevity

Our fragrance oils are meticulously crafted for exceptional quality, guaranteed purity, and remarkable lasting power. Experience the difference that endures.



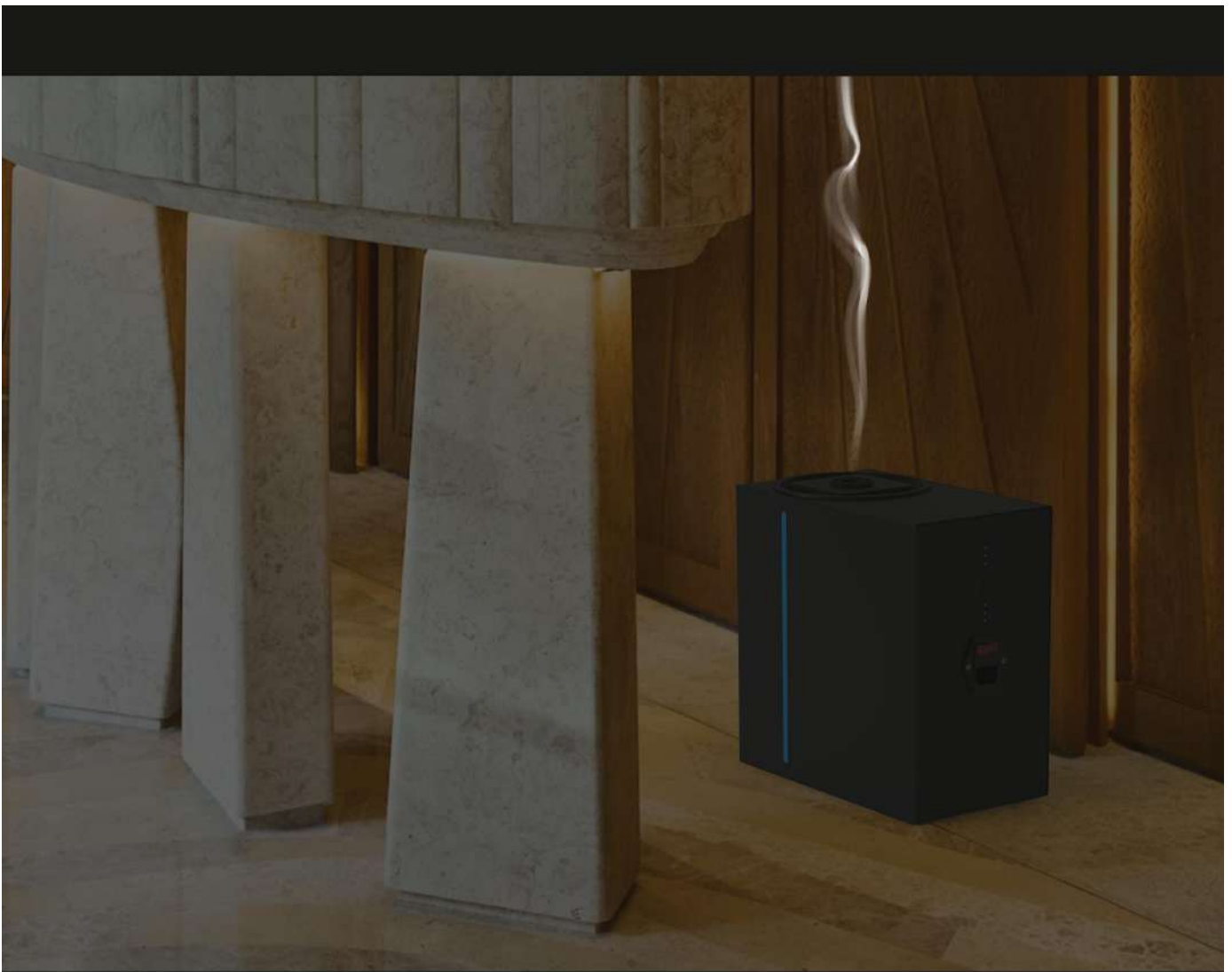
Multiple Scent Collections in Charm Aroma:

Our oils are grouped into distinct collections for every mood and creation—from fresh and floral to woody and zesty.



Bespoke Fragrance Development in Charm Aroma

We partner with businesses to create unique, signature scents for large-scale projects. From concept to completion, we tailor every note to your brand's identity and vision.



Transforming Environments Worldwide.



Sectors Our Scent Could Serve:

Hospitality (Hotels, Resorts) Corporate (Office Lobbies, Workspaces) Retail (Boutiques, Shopping Malls)
Wellness (Spas, Gyms, Yoga Studios) Healthcare (Senior Living, Clinics) Residential (Luxury Apartments,
Homes)



Partnership, Delivered. Our Commitment to Quality & Service

- **Quality Assurance:**

We implement 100% finished product inspection, with testing procedures covering raw material inspection, production line inspection, power-on testing, high-voltage testing, and more. Our products comply with international standards and are backed by certifications and reports such as CE, RoHS, FCC, and scented oil safety analysis.

- **Global Support & Warranty:**

All scent machines come with a one-year free warranty. We also provide online technical support to all partners and clients worldwide.

- **Partnership Model:**

We offer competitive pricing and comprehensive OEM services—including private labeling, custom app development, custom color and tailored packaging—to all distributors and dealers. Free samples are available for new scent machine models. In addition, ODM services are provided for large-scale clients.



Contact Us

- Guangzhou Changmu Technology Co., Ltd.
- Rm 501-506, 25 Building, 22 Lixinshi Rd., Zengcheng, Guangzhou, China
- 86 020 86665253
- info@charm-aroma.com
- www.charm-aroma.com