Product Information **Brochure**

Transforming the **Air We Share**

probe INDUSTRIES

probeindustriesglobal.com

About **Probe Industries Global**

Our Vision

Probe Industries Limited is driven by a clear vision, to make every breath a clean one. **Since 1995**, we've set new standards in air quality through innovation, expertise, and a commitment to **protecting people and the planet**.

Our Journey

What began in Northumberland as a mission to tackle industrial odors has grown into a trusted global partner for multiple industrial markets. With facilities in the **UK and US**, and a worldwide distribution network, we combine the personal care of a family business with the reach of a world leader, **helping keep workers safe**, **improve operations**, **and protect the future**.

Industries

Probe Industries Global proudly serves and supports a wide range of industries around the world.

Our solutions are trusted in diverse sectors and in countries on every continent.

Wherever the challenge, Probe delivers the expertise, technology, and reliability needed to keep industries moving forward even in the toughest environments.

Waste Management

Water Treatment

Construction and Mining

Foundries and Heavy Industrial Proccess

Ports and Logistics Operations

Agriculture, Abattoirs and Food Manufacturing

AiroPure® Sustainable Odor Elimination Without Compromise

One solution.
Unmatched performance.

AiroPure® is the leading biodegradable, non-toxic odor neutralizer for tough industrial and regulatory environments. Developed in-house by Probe Industries and protected by international patents, it targets odors at the molecular level with no harsh chemicals, no masking agents and no environmental harm.

Years of research and field testing have produced an ultra-efficient formula that works with minimal active ingredients, delivering lasting results while reducing waste and resource use.

Environmentally Friendly:
Certified Biodegradable and non-toxic formulation that is scientifically safe

Patented Technology:
Our advanced formula uses patented technology to work across all odor types and is fragrance-free by default, with optional scents available

Eliminates Extreme Odours:
Our formula will not just cover but destroys odors caused by Hydrogen Sulfide, Ammonia, Mercaptans, Amines, Hydrocarbons and many more

Flexible Application:
Compatible with misting, direct spray and liquid injection systems.

Click here to watch an animation about how AiroPure® works

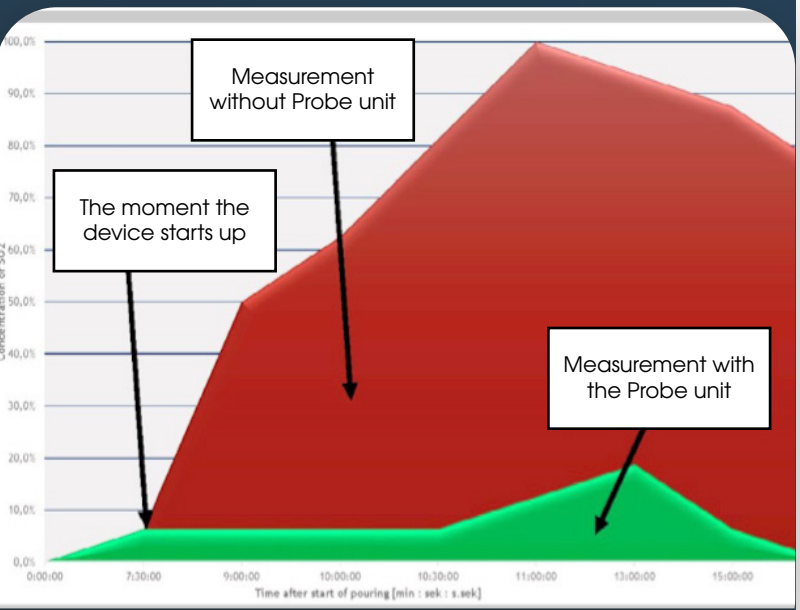
Or here for a demo of AiroPure® testing against Hydrogen Sulfide

AiroPure® Proven Innovation

In every industry, certain innovations set a new standard. AiroPure® is one of them - a patented biodegradable and non-toxic odor neutralizer that consistently outperforms alternatives.

Recognized globally, it destroys odors and harmful compounds at the molecular level, delivering proven results in the toughest environments.

This page shares independent test results that demonstrate why AiroPure® is trusted by operators and regulators alike.



Trials were conducted in global indepenpent labs using companies like Eurofins and Intertek, as well as in field customer testing. **These trials aimed to measure the effectiveness of AiroPure® in neutralizing harmful fumes released during mold pouring.** A second round of testing then reinforced these results using the Probe Atomizer together with AiroPure®'s Berry reagent.

These results show how AiroPure® exceeds industry standards in odor control

Achieved a **100% reduction in Sulfur Dioxide** and Hydrogen Sulfide

Achieved **99.4% reduction in ammonia** and amines (TMA, DMEA, DMIPA, DMPA)

Inhibits waterborne pathogens, **reducing the risk of Legionella** in spray systems

Employees reported a **significant improvement in air quality** and working conditions

Success in real world application as well as lab testing, **backed and validated by customer data**

AiroPure® showed advanced odor destruction, **chemically modifying molecules** so they no longer smell

AiroVive® Clean Air. Brighter Mood. Better Environment.

The mind shapes how we feel, focus, and move through the day. However, industrial spaces are often filled with air that can dull the senses and affect mood.

But it doesn't have to be that way. Our mission is to make happy workers and happy communities through odor innovation.

With AiroPure® at its core, AiroVive® goes beyond odor control. Exclusively crafted in partnership with world leading perfumers, AiroVive® delivers bespoke, premium scents inspired by the restorative powers of nature.

Using patented technology, the product neutralizes odors while enhancing wellbeing and lifting mood.

Smell is our only sense that is directly connected to the part of the brain that controls our emotions. That is why each of our carefully crafted scents are designed to evoke emotion, refresh the air, and create a space that feels brighter, cleaner, and energizing for everyone.

Enhances Wellbeing:
Scientifically designed fragrances that **lift mood and create a more positive, restorative atmosphere** for workers, visitors, and communities.

Sustainable Innovation:
A **first in the market** patented formula that is non-hazardous, non-toxic, and regulator ready.

Direct Odor Elimination:
Contains **patented AiroPure® technology which eliminates odors at the source,** leaving industrial spaces feeling fresher and more pleasant.

Flexible Deployment:
Compatible with misting, direct spray, and liquid injection systems, **integrating seamlessly** into existing operations.

Feel **Invigorated** With **Wild Earth**

Feel **Joyful** With **Fruit Burst**

Feel **Happy** With **Happy Days**

Feel **Refreshed** With **Crisp Cotton**

Feel **Restored** With **Forest Walk**

Feel **Motivated** With **Vibrant Bloom**

Feel **Rejuvenated** With **Coastal Walk**

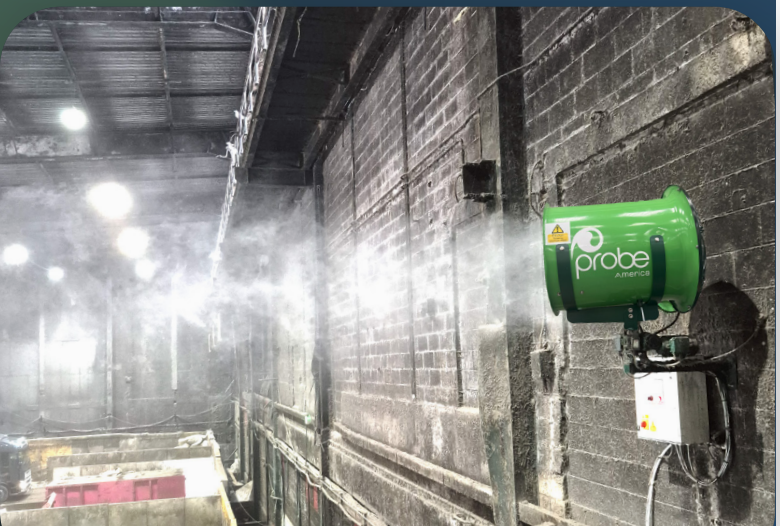
Feel **Soothed** With **Crimson Sunset**

Probe Atomizer. Powerful, Low-Water Dust and Odor Control

One system.
Maximum coverage.

The Probe Atomizer is a high-performance misting system for demanding industrial and commercial sites. Its centrifugal spinning disc produces billions of ultra-fine droplets that capture dust and odors without over-wetting, delivering maximum suppression with minimal water use.

Engineered for efficiency, our anti clogging technology ensures it never blocks and needs little maintenance. The Probe Atomizer provides consistent coverage up to 100 feet, reducing downtime, conserving resources, and ensuring long-term reliability.



Unbeaten Efficiency:

This technology can operate using low power, requires less water than industry standard and is proven to be environmentally friendly.

Low Maintenance:

Centrifugal disc design means no nozzles, no clogging and minimal upkeep.

Maximum Coverage:

Covers up to 100 feet using far less water than conventional systems.

Dual-Action Control:

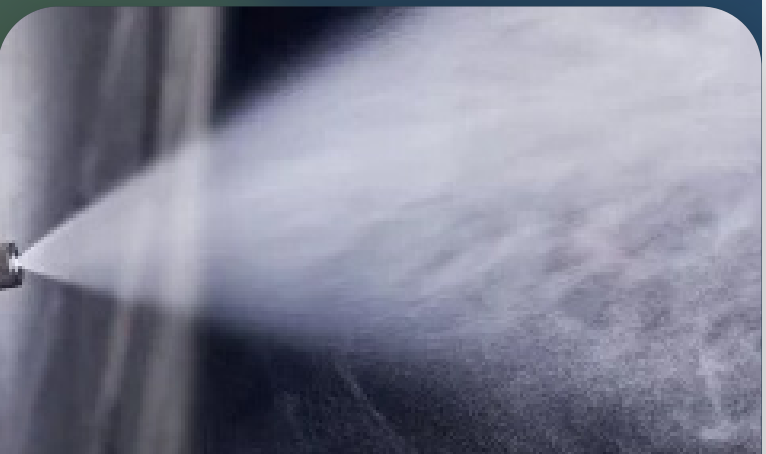
Seamlessly integrates with AiroPure® for combined dust and odor neutralization.

ProFog™ Precision Fogging System for Odor & Dust Control

Customized Misting Solution for Cleaner Air

ProFog™ uses a fine, targeted mist to reduce odor and dust in large indoor or outdoor spaces.

Each system is tailored to site-specific needs, capturing airborne particles efficiently without oversaturation, helping facilities maintain safer, cleaner environments while controlling costs.



Targeted Mist Delivery
Highly specialized low-flow nozzles create a fine, consistent fog that binds to odour and dust particles without oversaturation.

Customized for Your Facility
Systems are configured to suit your site layout and operational needs, providing maximum efficiency in problem areas.

Cost-Effectiveness
The Profog™ System is far less expensive to operate and maintain than other traditional air injection systems.

Versatile Applications
Ideal for perimeter spray lines, stack misting, indoor waste processing, and more, supporting a wide range of industrial and environmental sites.

Click here to watch a short video of the ProFog™ in use

ProAir™ Near-Dry Fogging For Dust & Odor Suppression

Precision Fogging for Moisture-Sensitive Areas

ProAir™ delivers ultra-fine, near-dry fog to control dust and odors in moisture-sensitive environments.

Ideal for production belts, conveyors, and handling zones, it captures airborne particles without wetting surfaces, keeping workplaces clean, safe, and compliant.

Ultra-Fine Mist Dispersion

Air-assisted nozzles create a near-dry fog that neutralizes airborne dust and odors, requiring less water to cover the same area as standard misting nozzles.

Moisture-Sensitive Compatible

Perfect for production and handling areas where wetting surfaces or products is a concern.

Customizable System Configuration

Tailored layouts ensure maximum coverage and efficiency for different operational setups.

Versatile Applications

Supports food processing, waste handling, manufacturing, and dust-sensitive work zones, indoors or outdoors.

Click here to watch a short video of the ProAir™ in use

Join the Probe Industries Distributor Network

Probe Industries is a global leader in odor control and misting technologies, with trusted partners across Australia, the US, Canada, Italy, Belgium and Hong Kong, and expansion underway in Europe, Asia and the Middle East.

We're now seeking ambitious partners to bring our proven technology to market. As a Distributor, you'll gain access to world-class solutions, strengthen local capability in dust and odor control, and help drive economic growth through environmentally responsible methods.

Why Partner With Probe Industries?

Exclusive Products
AiroPure® and the Probe Atomizer.

Proven & Sustainable
Non-toxic, biodegradable solutions for multiple industries.

Full Support
Technical training, marketing resources and sales tools.

Multi-Sector Reach
Serving waste management, wastewater, industrial and commercial clients.

Partnership that works

We work hand-in-hand with distributors to localize service, improve delivery and grow market share. Together, we're expanding the reach of sustainable innovation worldwide.

Testimonials

Raising the bar for air quality everywhere.
Real-world results from clients who trust Probe Industries.

I make sure my Probe products are on for 10 minutes before anyone enters the building, otherwise I'll have unhappy workers all day. Starting like this sets the day off right.

Paul Gregory
SUEZ

When selecting a supplier to handle our air control systems in our busy London transfer station, we wanted a supplier who was able to respond to our ever changing needs. Probe Industries has repeatedly proven that they can adapt to our requirements and provide a first class service.

Andrew Beaney
Transfer Station Manager

Probe Industries have consistently delivered a fantastic product for us to deploy on site to deal with odors as a by-product from our waste management.

John Ward
Biffa

The AiroPure product has done a fantastic job of eliminating our odor problems that have existed. Another plus is that the added scent is actually quite pleasant, prior to using I was a little concerned that it would just try and mask but it has actually eliminated the smells all together.

Andrew
Dragon Recycling

For 12 years we have supplied AiroPure to one of our end users in Hong Kong who operates a chain of landfill sites. Their use of the product has grown from a consumption of 40,000 litres to 120,000 litres annually. All by-product gasses and odors from the various materials and waste that have been released have been eliminated.

Ian Cervo
Coldmist Australia

If you'd like to explore the right solution for your site,
get in touch today.

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