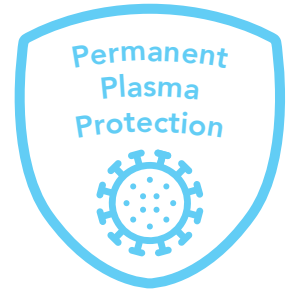


OXONOX

Plasma Solutions

A Paradigm Shift in Sterilisation of Surfaces and Spaces



World's 1st use of Plasma sterilisation technology in commercial applications. Assurance to users that high-risk spaces and surfaces, such as lifts and escalators, are continually under control to a much higher level than ever possible before, so users feel safe, and are safe.



Better:

Extreme kill levels typically at least 99.99% Log 4 up to 99.999% Log 5, a paradigm shift with plasma sterilisation technology, every second of every day. 'Fit and forget' Plasma unit, labour free application, with negligible maintenance and running costs.

Cheaper:

From £3 per day, around an 80% reduction in cost* with payback typically less than 12 months.

Brand Building:

Communicate with your users that your brand's high-risk areas are protected by cutting-edge plasma technology, allowing users to choose the safest locations and venues to work, rest and play.

*Based on £10 per clean, 2 times a day, 365 days a year including transit time, labour costs, chemicals, cloths and consumables.

Why the urgent need for the highest levels of safety in enclosed areas and surfaces?

Dramatically increased levels of germaphobia: Many of us do not feel safe occupying enclosed areas such as lifts, or transport or touching surfaces such as escalator hand rails that thousands might have touched in last few hours.

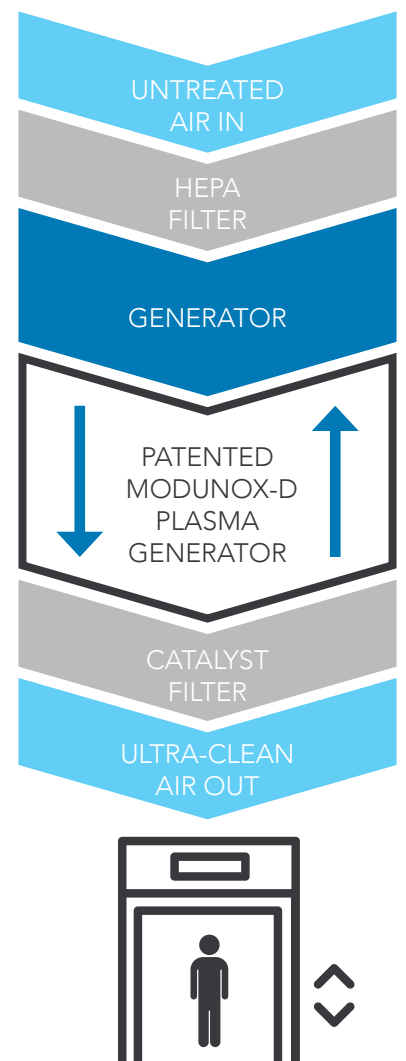
Necessary return to work: A return to communal workspaces is severely hampered by lack of reassurance that unavoidable high usage pinch points are as safe as possible.

Cost: Commercial burden of managing the risk of contamination, needs a new safe, effective, low cost and reliable solution, now and in the future.



What is Cold Plasma Technology by OXONOX?

- Normal untreated air is drawn in passed through a filter then converted to plasma in the patented ModuNOx-D plasma generator killing much higher levels of bacteria and viruses than previously possible. Working as a gas at molecular level it works in and around all surfaces and fittings, penetrating even the faintest of scratches, killing all microorganisms in seconds.
- Raw 'material' is normal air, after enclosed process and filtration, ultra-cleaned air is exhausted.
- Levels of 'kill' over 1000 times better than existing technology due to patented ModuNOx-D technology but **without** the safety concerns of systems emitting ultra-violet radiation, **without** discharging chemical residues that can damage assets, and **without** any environmental usage restrictions at all, offering a long term, permanent protective shield with 'fit and forget' convenience.
- Deodorisation improves customer experience whilst reducing manual cleaning and deodorising products costs.



What are OXONOX Solutions?

AirStair™

- ModuNOx-D Generator is placed so that handrail (or any target such as packaging film) can run through the plasma gas fully enclosed.
- Short burst of plasma has total sterilisation effect for longer than 30 minutes.



ModuNOx-D Generator

- ModuNOx-D patented plasma generator. Powerful and controlled plasma technology in compact unit.
- Available as Generator Only product for OEM fitting for surface and air quality applications.



AirLift™

- World's 1st application of plasma for eradication of all microorganisms in high risk enclosed spaces e.g. lifts, meeting rooms etc.
- Exhausts ultra-cleansed air to lower contamination on all surfaces and deodorises the area without use of 'cover-up' chemicals or sprays.



What are the benefits?

Effective: Over 1000 times more effective than traditional methods in microbiological kill. The higher the kill the longer lasting the sterilisation effect and less risk of microbial resistance to eradication.

100% Coverage: OXONOX Plasma technology uses safe, controlled plasma gas that covers all areas, seen and unseen, back, front and all around, penetrating even the smallest of nooks and crannies.

Permanent and Continuous: Every minute of every day OXONOX Plasma technology provides a permanent shield against all pathogenic microorganisms.

Maintenance Free: Only an annual filter change is required.

Safe: No need for chemicals, UV light radiation process controls, or any consumables to dispose of. Plasma causes no negative impact to fixtures and fittings.

Proven: Plasma Technology is proven in medical science, in critical areas such as wound care. Emissions are certified as safe in commercial applications.

Affordable: From £3 per day, typically offering clients payback in < 12 months with 5 years + life expectancy.

Value Adding: Stand out from your competitors by installing latest technology to drive usage of your facilities and give users confidence that your brand values them and protects them better.



What are the applications for OXONOX?

Sectors include: Building Management and Maintenance, Hospitality, High Volume Retail Outlets, High Capacity Leisure and Sporting Venues, Transportation and Transport, Infrastructure, Marine including Cruise Ships, Mortuaries, Healthcare plus many, many more ...

Air Quality



Enclosed Spaces



Areas with Odour



Escalators



FAQ's

Is Plasma Technology the same as UV technology?

Completely different apart from one aspect. Both technologies strive to provide sterilisation without human intervention. UV technology, more specifically UVC, inactivates the reproduction abilities of microorganisms with a high dosage of UVC light whereas plasma technology from OXONOX kills all pathogenic microorganisms in seconds.

Plasma and its sterilisation effects are not affected by reflective surfaces such as glass found in many modern buildings, leisure venues etc. UV Light Radiation would not be suitable where light can be reflected.

UVC light radiation is affected by shadowing so can almost never cover 100% of a target, OXONOX plasma technology, as a gas, has 360 degree coverage. Safety concerns of using UV such as light radiation, risk of ozone generation also have to be considered whereas OXONOX products simply use the air around us and exhaust super-cleansed air back into environment. The ultra-cleansed air that is the by-product of OXONOX products is completely safe.

Does Plasma Technology from OXONOX contain dangerous levels of Ozone?

All gases are dispersed in safe doses within government regulations. After plasma is generated it is filtered into harmless and super-cleansed air and exhausted back into atmosphere.

Is Plasma Technology by OXONOX really "plug and play"?

Units can be supplied for retrofitting into existing assets such as lifts, air conditioning units and escalators but as every install is different, bespoke mounts and brackets may be required. In general, everything you need to start is included.



About Us

OXONOX Chief Medical Officer and Founder Prof. James Frame FRCS, an eminent and internationally renowned Plastic Surgeon, originated the concept in 2013 when he saw the potential to transfer plasma's infection fighting capabilities in medical environments into the commercial sector.

Based in the UK, with global reach, OXONOX are part of Nox Worldwide Limited, and working in partnership with Fourth State Medicine Ltd., a UK based medical device manufacturing organisation specialising in patented plasma solutions, in offering the world's 1st cold plasma solutions for commercial applications powerful enough to kill all bacteria and viruses in seconds, compact enough to fit into most spaces or voids, with low running costs and zero moving parts.

Manufacturing and distribution are based in the UK, as is Research and Development under the guidance of Prof. James Frame and Tom Frame, Founder and Managing Director of Fourth State Medicine Ltd.

OXONOX is always seeking technical sales partners in sectors and regions and welcomes enquiries from interested parties at any time.

Get in touch today

OXONOX works to provide a series of commercial applications helping the world to return to the new normal through innovative space-age sterilisation.

Delivering solutions of tomorrow, for the challenges of today.

Revive your business today with OXONOX.

If you have any questions or would like further information, please contact a member of the OXONOX team.

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