Medical-grade portable air disinfection for acute healthcare settings.

**History**
- Founded in Ireland in 2008
- Established in US in 2017
- Offices in Dublin, Ireland
- Stamford, CT USA

**Customers**
- 400+ schools
- 500+ hospitals
- 700+ rescue vehicles
- 300+ senior living facilities
- 30+ other healthcare (dialysis, hospice, memory care)

**Distribution**
- 55+ countries
People spend 90% of time indoors inhaling up to 2700 gallons of air.

Indoor air is 10 times more contaminated than outdoor air.
NanoStrike is a plasma-based nanotechnology designed to kill all airborne microorganisms on contact.

First Line of Protection Against Airborne Viruses and Bacteria
NanoStrike Technology – The only air disinfection technology that bursts a pathogen cell

What makes NanoStrike Technology truly exceptional is that it is only solution other than antibiotics that can burst a pathogen cell. This means that there is no way for a pathogen to “self-heal”, by repairing its DNA and/or Protein. This ensures a Pathogen cannot become viable as an infectious agent once again.

“The Novaerus Plasma technology rapidly inactivates the DNA in pathogens”

“Concrete evidence of the effect of plasma on airborne bacteria; strong chemical and structural changes are observed.”

- Dr. Ram Prasad Gandhiraman, Research Scientist, NASA

“Healthy” E.coli Bacteria prior to exposure
Ozone at 350,000 ppb after 2 Hours
Autoclave at 160°C after 2 Hours
Novaerus Plasma after 0.002 Seconds

De-activate and BURST Pathogen

NanoStrike is truly unique in that it is the only solution, other than antibiotics, to burst the pathogen cell. Once the cell has burst, there is no way it can self-heal by repairing its protein and DNA.

De-activate Pathogen ONLY

Other Technologies

- UVGI
- AUTOCLAVE
- IONIZATION
- OZONE
- PCO
- CHEMICAL MISTING
Portable Air Disinfection

**DEFEND 1050**

Six ultra low-energy plasma coils combined with a three-stage filter system and five-speed fan. Free-standing unit ideal for rapid remediation in large, high-risk spaces.

**PROTECT 900**

Two ultra low-energy plasma coils combined with a two-speed fan. Mounted on the wall or a stand, unit is ideal for continuous infection control, odor mitigation, and IAQ maintenance in medium spaces.

**PROTECT 200**

One ultra low-energy plasma coil combined with single-speed fan. Wall mounted or tabletop unit ideal for continuous infection control, odor mitigation, and IAQ maintenance in small spaces.
Safety & Compliance

• Listed / Certified by Underwriters Laboratories (UL) or Intertek-Nationally Recognized Test Laboratories (NRTL) approved by OSHA.

• Tested and certified to UL 867 for Electrical and Ozone Safety and to UL 1995 for Electrical Safety.

• Manufacturing facilities are audited quarterly by UL/Intertek to ensure to ensure product safety and integrity.

• Compliant with California Air Resource Board

Registered with EPA
Filed our FDA 510K 1/2020

UL 867 & UL1995
Classified as plenum rated per UL 2043
Intertek-Certified
NanoStrike Technology – Lowest Total Cost of Ownership (TCO)

Utilizes ultra-low energy – requiring less power than a light bulb.

No need to replace expensive components during operating life – unlike every other competitive technology.

No need for cleaning of components to maintain consistent performance.

No need for expensive PPE (e.g. goggles, masks, gloves, aprons etc.) to protect service personnel from biohazard risks during cleaning and servicing.

No disposal costs for biohazard materials.

True plug and play with no installation, calibration, set up or training costs.

“The Iceberg Principle”
Calculation Total Cost of Ownership (TCO)

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<th>Product Price</th>
<th>Installation Cost</th>
<th>Training &amp; Education Cost</th>
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