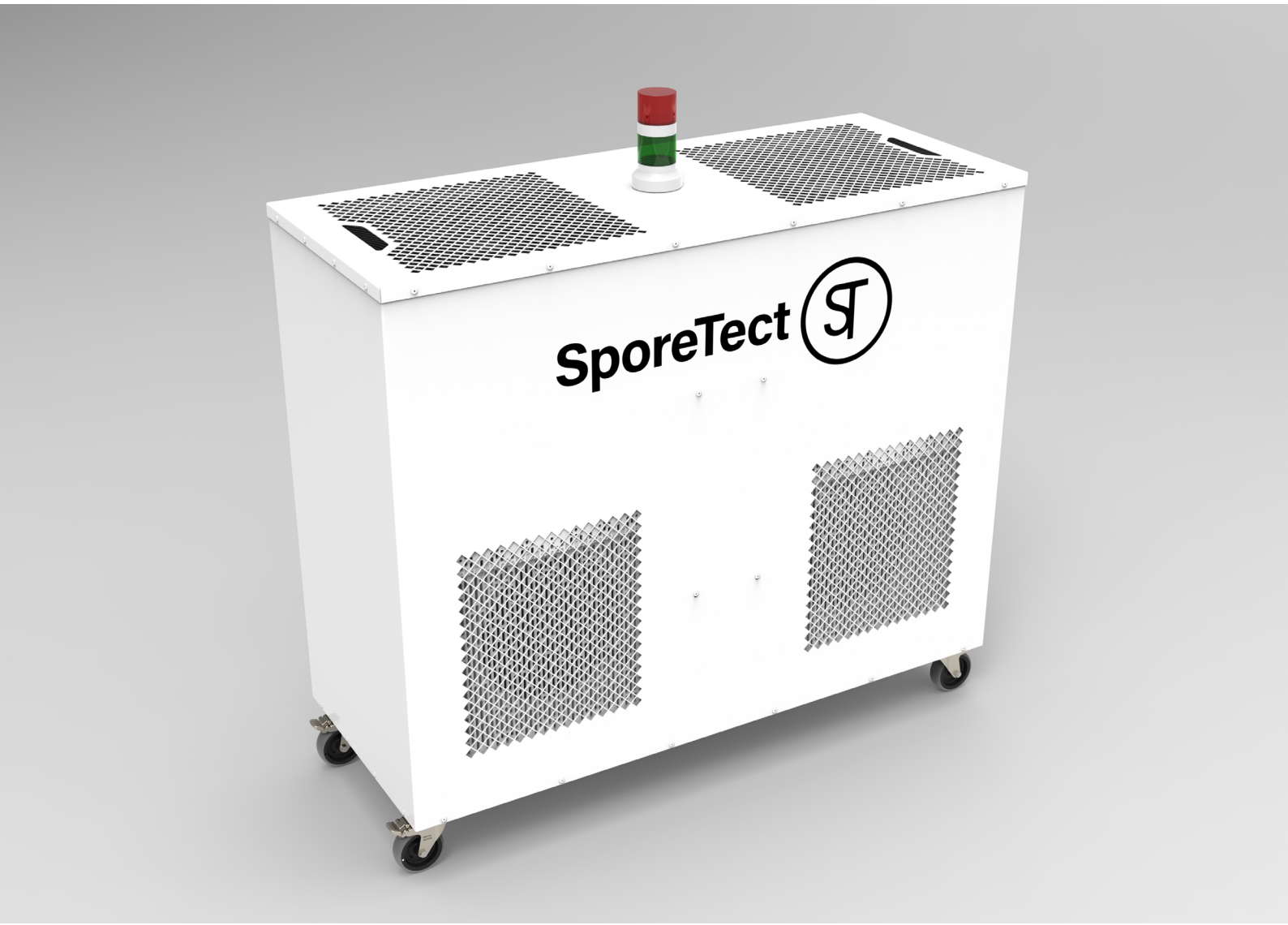
SporeTect

Advanced Defence Against Fungal Spores, Microbial Contaminants, and VOCs

Enhance your HACCP program by actively reducing airborne microbial risks and associated costs.

Model: Aero P10



Overview

SporeTect combines cold plasma technology with advanced ESP (electrostatic precipitation) to eliminate airborne fungal spores, microbial contaminants and VOCs safely, effectively, and without chemicals.

Certified safe for use in occupied indoor spaces, SporeTect is a Zero-Waste, portable, and energy-efficient solution.

No emissions emitted, the inactivation of microbes and VOC's occur within the device.

Key Benefits

- Chemical free technology reducing airborne microbes, improving food safety, improving product yield, preserving product quality and extending shelf life
- NHS England validated to eliminate airborne microbial contaminants
- Medical device approved – Safe for continuous use in occupied indoor environments
- Universal pathogen defence – Effective and efficient in any indoor environment where the objective is to have contaminant free air
- Zero consumables – No filter replacements or chemicals required
- Low power, low maintenance – Highly efficient with minimal running costs
- Plug-and-go portability – No disruptive or costly installation
- Flexible deployment – Floor-standing or wall-mounted
- No up-front costs supplied on rental including maintenance

Technology

- Cold Plasma (Non-Thermal Plasma) is technology created by an electrical field. Cold plasma contains reactive species such as ions, electrons, and radicals that interact with and destroy Fungal Spores, Microbial Contaminants, and VOCs without using heat or chemicals.
- ESP (Electrostatic Precipitation) – efficiently removes ultra fine airborne particulate matter, reducing air contamination while operating with low energy consumption and without the need for replacement disposable filters.

Specifications

- Airflow: Up to 2760 m^3/hr
- Power Consumption: 23–220 watts
- Noise Level: 25–55 dB
- Housing: Stainless steel, powder-coated
- Portability: 75mm non-static castor wheels
- Dimensions: 1000mm (L) x 1000mm (H) x 480mm (W)
- Weight: 64 kg
- CE approved

SporeTect

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Approved by:

NHS FDA SGS