

PORTABLE TRIOXYGEN GENERATORS

 **GREENTeckGLOBAL**
PURE GENIUS



GreenTeck Global Gteck 5000P & Gteck 1664P

Small portable trioxxygen units.

Care homes, hotels, student accommodation

PORTABLE TRIOXYGEN GENERATORS

GREENTECK GLOBAL Gteck 5000P & Gteck 1664P

UNIT OVERVIEW

The GreenTeck Gteck 5000P & Gteck 1664P are portable trioxygen generators ideal for 'Shock treatments' in hotels, care homes and student accommodation. These units are used for the effective removal of odours and for destroying mould spores.

Each generator can be operated with the timer buttons on the top. Using the interlock connector, the units can be connected to a destruct unit that will turn on after the timer has finished. When the units are in operation the blue feedback light on the side is lit up. We recommend that the units are used in combination with a destruct unit, so after a treatment, the trioxygen in the room can be neutralised.

The Gteck 5000P has an enclosed reactor, so it is less susceptible to residue build up, which reduces maintenance needs.



To the requirements of the following standards:
 EN 61000-6-1: 2007 EN 61000-6-3: 2007+ A1:2011 EN 61000-3-2: 2014 EN 61000-3-3: 2013
FULL COMPLIANCE
 3C Test Report Number: 3C16/11871/1 -
 Issue 2 This supersedes test report: 3C16/11871/1 - Issue 1
OVERALL TEST RESULT: COMPLIANT

Gteck 5000P



Maximum Power Requirement	70W
Voltage	Single Phase 240 V
Rated Current	0.3A
Fuse rating	1A
Mains Frequency	50/60 Hz
Weight	~5kg
Dimensions (depth x width x height)	320mm x 160mm x 300mm
Reactor	5 grams / hour
Air flow rate	190 m3/h

Gteck 1664P



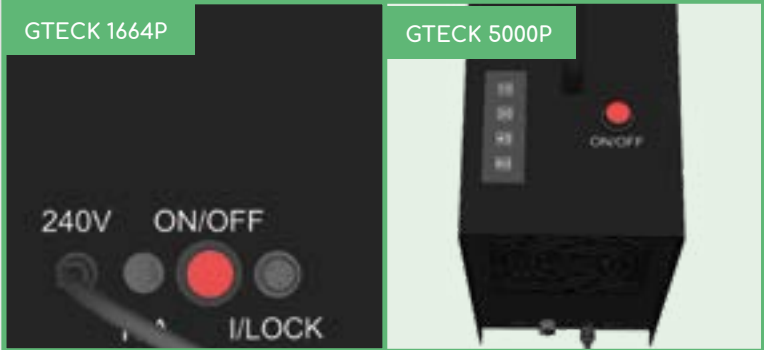
Maximum Power Requirement	400W
Voltage	Single Phase 240 V
Rated Current	1.7A
Fuse rating	3A
Mains Frequency	50/60 Hz
Weight	~15kg
Dimensions (depth x width x height)	210mm x 365mm x 660mm
Reactor	16/64 grams / hour
Air flow rate	1740 m3/h

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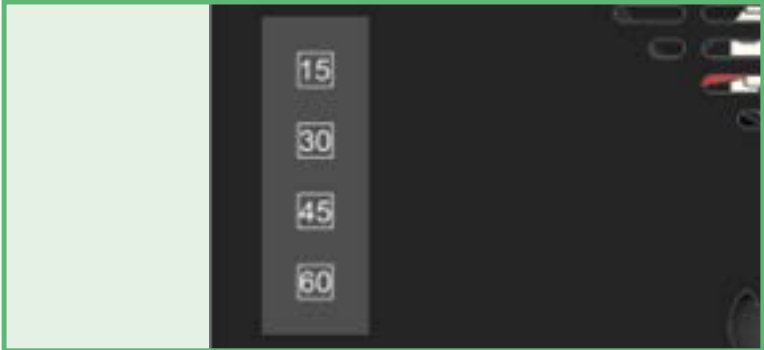
We recommend that our portable trioxygen generators are used in harmony with a **Gteck Air Free Destruct unit**. Once the cleaning process has been completed, the destruct unit switches on automatically and removes any residual trioxygen from the room.



1. The unit first needs to be connected to a mains socket using the attached mains lead. The unit can then be switched on using the power button on the side for the Gteck 1664P and top for the Gteck 5000P.



2. Plug one end of the interlock cable into the unit, the other end into the destruct unit.



3. Set the timer on both the trioxygen generator and the destruct unit, by pressing the button that corresponds to the desired operation time on the top of the units.



4. Leave and lock the room immediately. Only re-enter the room when the timer programme is finished.



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GREENTECK GLOBAL GTECK 500P & GTECK 1664P

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SAFETY CONSIDERATIONS

- Low concentrations of trioxygen have a significant effect upon textiles, fabrics, organic dyes, metals, plastics and paints and cause the characteristic cracking of stressed rubber, commonly called "weathering". A few substances, however, are resistant to the oxidising effect of trioxygen and these include glass and some stainless steels.
- The acute toxicity of trioxygen to people has long been recognised and is well documented. Over exposure to trioxygen can be irritant to eyes and respiratory tract.
- The Health and Safety Executive publishes guidance Note EH38, trioxygen: Health hazards and control measures, to assist employers complying with COSHH Regulations 2002.

EXPOSURE LIMITS

- The Health and Safety at Work etc. Act 1974 places general duties on employers and self-employed to ensure, so far as is reasonably practicable, the health, safety and welfare of all his employees, and those not in his employ;
- Risk Assessment: Employers are required to carry out a Risk Assessment for the use of work equipment;
- Work Equipment should be used, inspected and maintained in accordance with the Provision and Use of Work Equipment Regulations 1998 (PUWER);
- COSHH Assessment: Employers are required to make a suitable and sufficient assessment of the risks created by that work to the health of those employees exposed to any substance hazards to health of those employees and the steps that need to be taken to meet the requirements of COSHH;

- Workplace Exposure Limit: The current WEL² for trioxygen is 0.2 ppm in air averaged over a 15-minute period. If exposure cannot be prevented then the principles of good general practice need to be applied in accordance with the Control of Hazardous Substance Regulation 2002 – Regulation 7, to ensure that workplace exposure limit is not exceeded;
- We make every attempt as a business to ensure the safety of our employees, consultants and customers. We offer on every application ozone destruct and ozone monitoring as a matter of course. For further information on our monitoring and for other safety concerns please contact our office on: +44 (0) 203 757 7150.

TRIOXYGEN SAFETY REPORT

For full details please click on the report below. For printed data sheet please visit: www.greentekglobal.com



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