

WHO Press released on 31 January 2020

Follow us:

**WHO declares the new coronavirus outbreak a Public Health Emergency of International Concern**

Find out more →



**Lindungi diri, keluarga dan lingkungan terhadap infeksi mikroorganisme infeksius yang menular melalui udara seperti Pneumonia, Influenza, TBC, ISPA dan virus-bakteri lainnya**

# OXIRA XN & XG

Disinfektan udara berteknologi Ultra Violet Germicidal Irradiation (UVGI) yang terbukti global dan direkomendasikan WHO\* dan dukungan studi klinis



# Lokasi Tempat Penggunaan OXIRA XN & XG

Alat disinfektan udara ini dipergunakan **hanya dalam ruang tertutup (indoor)** dengan cara menghisap udara terduga mengandung mikroorganisme infeksius, untuk kemudian dipaparkan dengan sinar Ultra Violet 254 nm sebagai proses disinfeksi udara yang aman (posisi mendarat atau vertical\*)

\* Tersedia braket dinding

Rekomendasi ruang penggunaan :

- Area kerja - ruang meeting, ruang kerja, ruang manager/pimpinan dll
- Area medis & paramedis - bidan, dokter, dokter gigi, ruang perawat dll
- Area pribadi - ruang tidur, ruang makan, ruang keluarga dll
- Laboratorium
- Klinik Kesehatan & Kecantikan
- Salon
- Ruang Penitipan Anak, Ruang Geriatri
- Ruang Kelas Sekolah / Kuliah
- Restoran & Kafe
- Laundry area
- Lainnya



## Fitur Produk & Keuntungan OXIRA XN

\*OXIRA tipe XN untuk penghilang bau tersedia terpisah

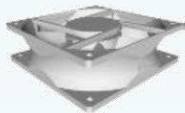


Bentuk alat *simple, elegan & premium class*

- Ukuran  $\pm 50 \times 6 \times 7$  (cm),
- Pilihan warna eksklusif (putih dan abu)
- berbahan *powder coated zinc annealed steel* (baja),
- 20 watt, maka konsumsi daya listrik setara dengan  $\pm$  Rp 10,000/bulan

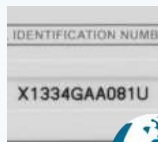
**Durable & Quite Fan**

- Tidak bising
- Nyaman untuk ruang kerja & ruang tidur



Lampu ultraviolet "**highest purity quartz**" Heraeus GmbH Jerman

Panjang gelombang 254 nm berfungsi maksimal konstan selama **15.000 jam** (setara dengan  $\pm 20$  bulan jika dipakai 24 jam/hari)



**World Class Product**

- Tsertifikasi dengan **Global Product ID**
- Menjamin keaslian produk, terbukti presisi & berdaya tahan



# Referensi UVGI

# OXIRA XG

## 1. Global

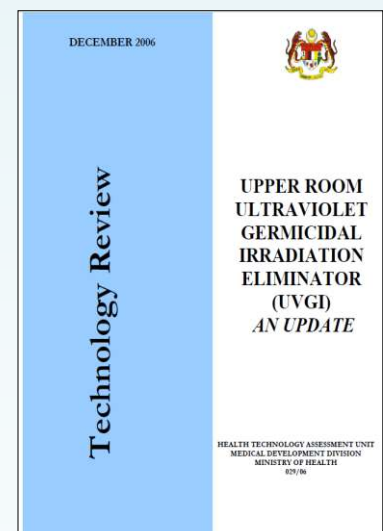
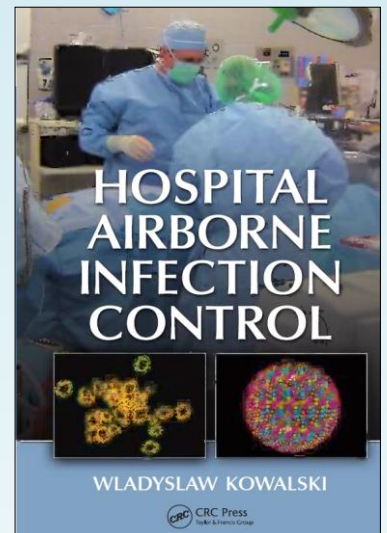
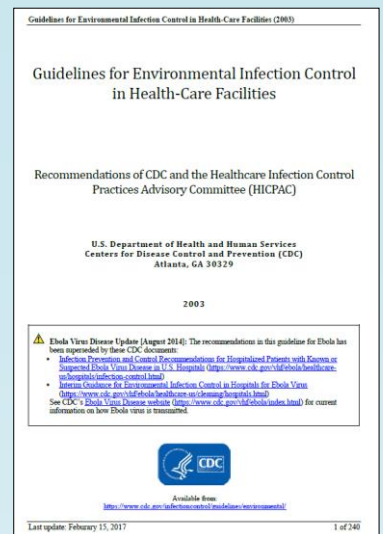
- Guidelines for Environmental Infection Control in Healthcare Facilities US Department of Health & Human Services Centers for Disease Control & Prevention (CDC) : **Keyword : UVGI (Ultra Violet Germicidal Irradiation)**
- Hospital Airborne Infection Control by Wladyslaw Kowalski – CRC Press [www.crcpress.com](http://www.crcpress.com) **Keyword : UVGI (Ultra Violet Germicidal Irradiation)**

## 2. Regional

- Upper room UVGI Eliminator an Update **Keyword : UVGI (Ultra Violet Germicidal Irradiation)**

## 3. Nasional

- Permenkes No 7 thn 2019 dengan bagian mengenai “Standard Baku Mutu dan Persyaratan Kesehatan Udara (halaman 21)”



# Referensi Produk

# OXIRA XG

## 4. Uji efikasi laboratorium\*

- 1) Royal Melbourne Inst of Tech Australia
- 2) Haffkine Institute for Training, Research & Testing
- 3) Hasil Lab Medio Pratama di Rumah Sakit Ibu & Anak swasta di Tangerang, Banten, Indonesia \*\*
- 4) Hasil uji di Ruang Periksa Dokter & Tindakan Rumah Sakit Umum Pusat(RSUP) Persahabatan, Jakarta Timur, DKI Jakarta, Indonesia

**KEMENTERIAN KESEHATAN REPUBLIK INDONESIA**  
**DIREKTORAT JENDERAL PELAYANAN KESEHATAN**  
**RUMAH SAKIT UMUM PUSAT PERSAHABATAN**  
 Jalan Persahabatan Raya No. 1 Jakarta Timur 13230 Indonesia  
 Telepon (82-21) 4891708, 4891745, Faksimile (82-21) 4711222  
 Laman: www.rsupersahabatan.co.id Pos-e (Email): info@rsupersahabatan.co.id

**LAPORAN PEMERIKSAAN MIKROORGANISME RUANG**  
**PEMERIKSAAN POLI PARU GRIYA PUSPA**

Tanggal pemeriksaan: 6 Agustus 2019  
 Ruang: Ruang Pemeriksaan Poli Paru Griya Puspaa

Hasil pemeriksaan:

No.	Yang diperiksa	Metode pemeriksaan	Hasil	Keterangan
1.	sebelum menggunakan OXIRA Udara Ruang	Air Sampel	630 koloni	
2.	Sesudah Menggunakan OXIRA 24 jam	Air Sampel	110 koloni	

Analisa Hasil:  
 Terdapat penurunan jumlah koloni mikroorganisme di udara. Dengan sistem tata udara yang terdapat.

Jakarta, 30 Agustus 2019  
 Ka-Lab Laboratorium Mikrobiologi Klinik  
 RSUP Persahabatan  
 Dr. Rudi Haryanto, Sp.MK  
 NIP. 2015.06.21.932

**OXIRA**

**Efficacy Test:**  
 Royal Melbourne Inst of Technology  
 18<sup>th</sup> of March, 2019

Executive Summary  
 A random batch of OXIRA units were submitted to the Royal Melbourne Institute of Technology (RMIT) for testing for its efficacy in reducing airborne bacteria.

Conclusions  
 After a period of 24 hours of testing, it was shown that the OXIRA units effectively reduced the spread of both aerobic bacteria.

Methodology  
 Two petri dishes of each dimension were chosen and placed side by side. Petri dishes of each size were incubated for both indicators to show a development of visible fungi in 24 hours. It is used to test the effect of the OXIRA, with each dish set being placed in its incubator to be used for the control, with no OXIRA unit present inside. This is to compare the results. A petri dish of each culture was then placed in each incubator.

Results  
 After a total of 8 days, 2 dishes of each type of bacteria have shown the effect of OXIRA. A further 2 dishes were placed in the incubator to be used for the control, with no OXIRA unit present inside. This is to compare the results.

**हाफकिन प्रशिक्षण, संशोधन व चाचणी संस्था**  
**Haffkine Institute for Training, Research & Testing**  
 An Autonomous Institute of Govt of Maharashtra Registered under Societies Registration Act 1962  
 Recognized as "Scientific & Industrial Research Organisation" (SIRO) by Govt of India, Ministry of Science & Technology

**28 MAR 2019**

H/SPR/15/028  
 2.

Concl:  
 \* Microbial counts (Bacterial & Fungal) in air were done as per the "Guidelines on test method for environmental monitoring for aseptic Dispensing facilities". Produced by A Working Group of the Scottish Quality Assurance Specialist Interest Group, Second Edition, February 2004. Para: 10.6 with minor modifications.

\*\* CFU Colony forming units.

Remarks: As far as results obtained (as mentioned in the above table), it can be concluded that the above mentioned air neutralizer when it is in operation (Air neutralizer was put on), can significantly reduce bacterial burden by 96.11% after two (2) hours (\*\*p<0.002) and fungal burden by 95% after two (2) hours (\*\*p<0.0007).

\*\*\* Significance calculated using "Famed T Test", probability of error, where p<0.05 is significant.

N.B.: This report is issued with an explicit understanding that it would neither be used for the purpose of the advertisement nor it would be produced as an evidence in any form without the prior permission of the undersigned. Further, this report is restricted to the sample submitted to the department only.

Dr. Ashay Choudhary  
 Director

**KEMENTERIAN KESEHATAN REPUBLIK INDONESIA**  
**DIREKTORAT JENDERAL PELAYANAN KESEHATAN**  
**RUMAH SAKIT UMUM PUSAT PERSAHABATAN**  
 Jalan Persahabatan Raya No. 1 Jakarta Timur 13230 Indonesia  
 Telepon (82-21) 4891708, 4891745, Faksimile (82-21) 4711222  
 Laman: www.rsupersahabatan.co.id Pos-e (Email): info@rsupersahabatan.co.id

**LAPORAN PEMERIKSAAN MIKROORGANISME RUANG**  
**TINDAKAN POLI PARU GRIYA PUSPA**

Tanggal pemeriksaan: 3 September 2019  
 Ruang: Ruang Tindakan Poli Paru Griya Puspaa

Hasil pemeriksaan:

No.	Yang diperiksa	Metode pemeriksaan	Hasil	Keterangan
1.	sebelum menggunakan OXIRA Udara Ruang	Air Sampel	80 koloni	
2.	Sesudah Menggunakan OXIRA 24 jam	Air Sampel	80 koloni	

Analisa Hasil:  
 Terdapat penurunan jumlah koloni mikroorganisme di udara. Dengan sistem tata udara yang terdapat.

Jakarta, 9 September 2019  
 Ka-Lab Laboratorium Mikrobiologi Klinik  
 RSUP Persahabatan  
 Dr. Rudi Haryanto, Sp.MK  
 NIP. 2015.06.21.932

**Escherichia coli (E.coli)**

**Day 1 showing the start of the test.**

**Day 8 showing the left petri dish had a lot less bacteria growth.**

**Salmonella**

**Day 1 showing the start of the test.**

**Day 8 showing the left petri dish had a lot less bacteria growth.**

**Get protection immediately  
by contact us :**



Importir & Distributor Resmi di Indonesia

## **PT Isotekindo Intertama**

Jl. Raya Kebayoran Lama 309-C, Jakarta Selatan, DKI Jakarta 12210, Indonesia

**P:** +62.21.5305073 - 74

**M:** +62.811.171.0055 (Call & Whatsapp)

**E:** [info@isotekindo.co.id](mailto:info@isotekindo.co.id)

**W:** [www.isotekindo.com](http://www.isotekindo.com)

