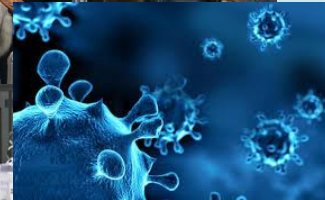


WHO Press released on 31 January 2020

Follow us:  
RSS YouTube Twitter Facebook Instagram LinkedIn

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

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



# Lokasi Tempat Penggunaan

# OXIRA

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 mendatar 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

\*OXIRA tipe XN untuk penghilang bau tersedia terpisah

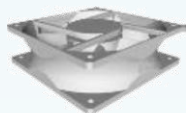


Bentuk alat *simple, elegan & premium class*

- 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

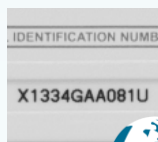
**Durable & Quite Fan**

- 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



**isotek**  
Advancing Healthcare

# Referensi UVGI

# OXIRA

## 1. Global

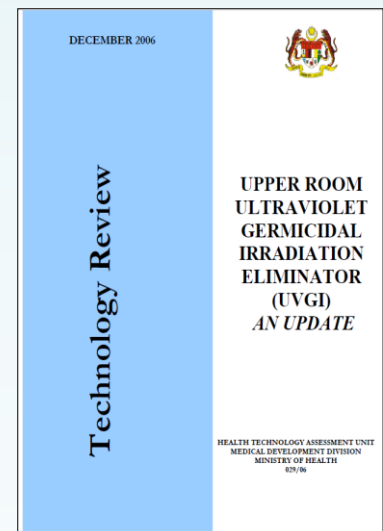
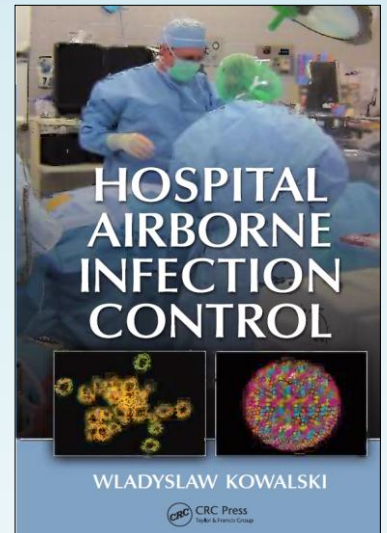
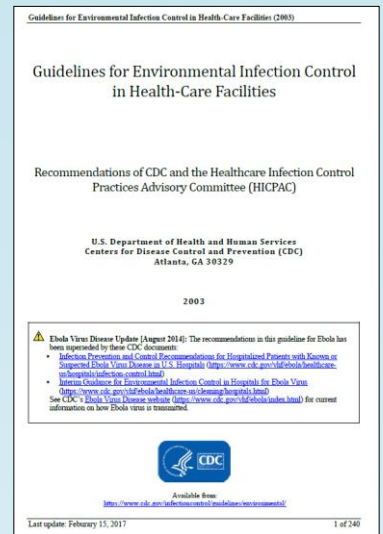
- Guidelines for Environmental Infection Control in Healthcare Facilities US Department of Health & Human Services Centers for Disease Control & Prevention (CDC) : **Keyword : UVGI (Ultra Violet Germicidal Irradiation)**
- Hospital Airborne Infection Control by Wladyslaw Kowalski – CRC Press [www.crcpress.com](http://www.crcpress.com)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

## 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

### Royal Melbourne Inst of Tech Australia

**OXIRA**

**Efficacy Test:**  
Royal Melbourne Inst of Technology  
16<sup>th</sup> of May, 2010  
doc: efficacy100310a

**Executive Summary**  
A random batch of OXIRA units were submitted to the Royal Melbourne Institute of Technology (RMIT) for testing for its efficacy on reducing airborne bacteria. The laboratory carefully selected two commonplace bacteria that is often found in our daily life – E. Coli and Salmonella. After a period of controlled testing, it was shown that the OXIRA units effectively restricted the spread of both common bacteria.

**About the Laboratory**  
Royal Melbourne Institute of Technology is a global university of technology and design and Australia's largest tertiary institution. The University enjoys an international reputation for excellence in practical education and outcome-oriented research. RMIT offers testing services at its facilities, and was chosen for our test.

**Methodology**  
Two enclosures of exact dimensions were chosen and placed side by side. Holes of identical size were introduced to both enclosures to allow a small amount of circulating fresh air. Enclosure A is used to test the effectiveness of the OXIRA, and as such a unit was placed in it. Enclosure B is used as the Control, with no OXIRA units placed inside. This is to compare the results later. A petri dish of E. coli culture was then placed in each enclosure. Photos of both petri dishes were taken periodically. After the tests with E. coli were completed, both enclosures were sanitized and prepared for the second test, using cultures of Salmonella.

**Results**  
After a lapse of 8 days, photos of both types of bacteria have shown the air in Enclosure A has markedly impeded the spread of the culture in the petri dish. This has shown that the air in Enclosure A has been effectively treated by the germicidal ultraviolet tube in the OXIRA unit.



### Haffkine Institute for Training, Research & Testing

**हाफकिन प्रशिक्षण, संशोधन व चाचणी संस्था**  
Haffkine Institute for Training, Research & Testing  
An Autonomous Institute of Govt of Maharashtra Registered under Societies Registration Act 1860  
Recognized as "Scientific & Industrial Research Organisation" (SIRO) by Govt of India, Ministry of Science & Technology

**28 MAR 2012**

**MI/BR/4/5023**

**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. 3.0.6 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 (for 24 hours) was not only, can burden by 99.1% after two (2) hours (\*\*p<0.001) and fungal

**\*\*\* Significance calculated using "Fisher's T Test", p-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 permission of the undersigned. Further, this report is restricted to the sample submitted to the department only.

**Dr. Ashish Chaudhary**  
Director.

**www : sareed 022 4461 0000, 4461 0001, 4461 0002, 4461 0003, 4461 0004, 4461 0005, 4461 0006, 4461 0007, 4461 0008, 4461 0009, 4461 0010, 4461 0011, 4461 0012, 4461 0013, 4461 0014, 4461 0015, 4461 0016, 4461 0017, 4461 0018, 4461 0019, 4461 0020, 4461 0021, 4461 0022, 4461 0023, 4461 0024, 4461 0025, 4461 0026, 4461 0027, 4461 0028, 4461 0029, 4461 0030, 4461 0031, 4461 0032, 4461 0033, 4461 0034, 4461 0035, 4461 0036, 4461 0037, 4461 0038, 4461 0039, 4461 0040, 4461 0041, 4461 0042, 4461 0043, 4461 0044, 4461 0045, 4461 0046, 4461 0047, 4461 0048, 4461 0049, 4461 0050, 4461 0051, 4461 0052, 4461 0053, 4461 0054, 4461 0055, 4461 0056, 4461 0057, 4461 0058, 4461 0059, 4461 0060, 4461 0061, 4461 0062, 4461 0063, 4461 0064, 4461 0065, 4461 0066, 4461 0067, 4461 0068, 4461 0069, 4461 0070, 4461 0071, 4461 0072, 4461 0073, 4461 0074, 4461 0075, 4461 0076, 4461 0077, 4461 0078, 4461 0079, 4461 0080, 4461 0081, 4461 0082, 4461 0083, 4461 0084, 4461 0085, 4461 0086, 4461 0087, 4461 0088, 4461 0089, 4461 0090, 4461 0091, 4461 0092, 4461 0093, 4461 0094, 4461 0095, 4461 0096, 4461 0097, 4461 0098, 4461 0099, 4461 0100, 4461 0101, 4461 0102, 4461 0103, 4461 0104, 4461 0105, 4461 0106, 4461 0107, 4461 0108, 4461 0109, 4461 0110, 4461 0111, 4461 0112, 4461 0113, 4461 0114, 4461 0115, 4461 0116, 4461 0117, 4461 0118, 4461 0119, 4461 0120, 4461 0121, 4461 0122, 4461 0123, 4461 0124, 4461 0125, 4461 0126, 4461 0127, 4461 0128, 4461 0129, 4461 0130, 4461 0131, 4461 0132, 4461 0133, 4461 0134, 4461 0135, 4461 0136, 4461 0137, 4461 0138, 4461 0139, 4461 0140, 4461 0141, 4461 0142, 4461 0143, 4461 0144, 4461 0145, 4461 0146, 4461 0147, 4461 0148, 4461 0149, 4461 0150, 4461 0151, 4461 0152, 4461 0153, 4461 0154, 4461 0155, 4461 0156, 4461 0157, 4461 0158, 4461 0159, 4461 0160, 4461 0161, 4461 0162, 4461 0163, 4461 0164, 4461 0165, 4461 0166, 4461 0167, 4461 0168, 4461 0169, 4461 0170, 4461 0171, 4461 0172, 4461 0173, 4461 0174, 4461 0175, 4461 0176, 4461 0177, 4461 0178, 4461 0179, 4461 0180, 4461 0181, 4461 0182, 4461 0183, 4461 0184, 4461 0185, 4461 0186, 4461 0187, 4461 0188, 4461 0189, 4461 0190, 4461 0191, 4461 0192, 4461 0193, 4461 0194, 4461 0195, 4461 0196, 4461 0197, 4461 0198, 4461 0199, 4461 0200, 4461 0201, 4461 0202, 4461 0203, 4461 0204, 4461 0205, 4461 0206, 4461 0207, 4461 0208, 4461 0209, 4461 0210, 4461 0211, 4461 0212, 4461 0213, 4461 0214, 4461 0215, 4461 0216, 4461 0217, 4461 0218, 4461 0219, 4461 0220, 4461 0221, 4461 0222, 4461 0223, 4461 0224, 4461 0225, 4461 0226, 4461 0227, 4461 0228, 4461 0229, 4461 0230, 4461 0231, 4461 0232, 4461 0233, 4461 0234, 4461 0235, 4461 0236, 4461 0237, 4461 0238, 4461 0239, 4461 0240, 4461 0241, 4461 0242, 4461 0243, 4461 0244, 4461 0245, 4461 0246, 4461 0247, 4461 0248, 4461 0249, 4461 0250, 4461 0251, 4461 0252, 4461 0253, 4461 0254, 4461 0255, 4461 0256, 4461 0257, 4461 0258, 4461 0259, 4461 0260, 4461 0261, 4461 0262, 4461 0263, 4461 0264, 4461 0265, 4461 0266, 4461 0267, 4461 0268, 4461 0269, 4461 0270, 4461 0271, 4461 0272, 4461 0273, 4461 0274, 4461 0275, 4461 0276, 4461 0277, 4461 0278, 4461 0279, 4461 0280, 4461 0281, 4461 0282, 4461 0283, 4461 0284, 4461 0285, 4461 0286, 4461 0287, 4461 0288, 4461 0289, 4461 0290, 4461 0291, 4461 0292, 4461 0293, 4461 0294, 4461 0295, 4461 0296, 4461 0297, 4461 0298, 4461 0299, 4461 0300, 4461 0301, 4461 0302, 4461 0303, 4461 0304, 4461 0305, 4461 0306, 4461 0307, 4461 0308, 4461 0309, 4461 0310, 4461 0311, 4461 0312, 4461 0313, 4461 0314, 4461 0315, 4461 0316, 4461 0317, 4461 0318, 4461 0319, 4461 0320, 4461 0321, 4461 0322, 4461 0323, 4461 0324, 4461 0325, 4461 0326, 4461 0327, 4461 0328, 4461 0329, 4461 0330, 4461 0331, 4461 0332, 4461 0333, 4461 0334, 4461 0335, 4461 0336, 4461 0337, 4461 0338, 4461 0339, 4461 0340, 4461 0341, 4461 0342, 4461 0343, 4461 0344, 4461 0345, 4461 0346, 4461 0347, 4461 0348, 4461 0349, 4461 0350, 4461 0351, 4461 0352, 4461 0353, 4461 0354, 4461 0355, 4461 0356, 4461 0357, 4461 0358, 4461 0359, 4461 0360, 4461 0361, 4461 0362, 4461 0363, 4461 0364, 4461 0365, 4461 0366, 4461 0367, 4461 0368, 4461 0369, 4461 0370, 4461 0371, 4461 0372, 4461 0373, 4461 0374, 4461 0375, 4461 0376, 4461 0377, 4461 0378, 4461 0379, 4461 0380, 4461 0381, 4461 0382, 4461 0383, 4461 0384, 4461 0385, 4461 0386, 4461 0387, 4461 0388, 4461 0389, 4461 0390, 4461 0391, 4461 0392, 4461 0393, 4461 0394, 4461 0395, 4461 0396, 4461 0397, 4461 0398, 4461 0399, 4461 0400, 4461 0401, 4461 0402, 4461 0403, 4461 0404, 4461 0405, 4461 0406, 4461 0407, 4461 0408, 4461 0409, 4461 0410, 4461 0411, 4461 0412, 4461 0413, 4461 0414, 4461 0415, 4461 0416, 4461 0417, 4461 0418, 4461 0419, 4461 0420, 4461 0421, 4461 0422, 4461 0423, 4461 0424, 4461 0425, 4461 0426, 4461 0427, 4461 0428, 4461 0429, 4461 0430, 4461 0431, 4461 0432, 4461 0433, 4461 0434, 4461 0435, 4461 0436, 4461 0437, 4461 0438, 4461 0439, 4461 0440, 4461 0441, 4461 0442, 4461 0443, 4461 0444, 4461 0445, 4461 0446, 4461 0447, 4461 0448, 4461 0449, 4461 0450, 4461 0451, 4461 0452, 4461 0453, 4461 0454, 4461 0455, 4461 0456, 4461 0457, 4461 0458, 4461 0459, 4461 0460, 4461 0461, 4461 0462, 4461 0463, 4461 0464, 4461 0465, 4461 0466, 4461 0467, 4461 0468, 4461 0469, 4461 0470, 4461 0471, 4461 0472, 4461 0473, 4461 0474, 4461 0475, 4461 0476, 4461 0477, 4461 0478, 4461 0479, 4461 0480, 4461 0481, 4461 0482, 4461 0483, 4461 0484, 4461 0485, 4461 0486, 4461 0487, 4461 0488, 4461 0489, 4461 0490, 4461 0491, 4461 0492, 4461 0493, 4461 0494, 4461 0495, 4461 0496, 4461 0497, 4461 0498, 4461 0499, 4461 0500, 4461 0501, 4461 0502, 4461 0503, 4461 0504, 4461 0505, 4461 0506, 4461 0507, 4461 0508, 4461 0509, 4461 0510, 4461 0511, 4461 0512, 4461 0513, 4461 0514, 4461 0515, 4461 0516, 4461 0517, 4461 0518, 4461 0519, 4461 0520, 4461 0521, 4461 0522, 4461 0523, 4461 0524, 4461 0525, 4461 0526, 4461 0527, 4461 0528, 4461 0529, 4461 0530, 4461 0531, 4461 0532, 4461 0533, 4461 0534, 4461 0535, 4461 0536, 4461 0537, 4461 0538, 4461 0539, 4461 0540, 4461 0541, 4461 0542, 4461 0543, 4461 0544, 4461 0545, 4461 0546, 4461 0547, 4461 0548, 4461 0549, 4461 0550, 4461 0551, 4461 0552, 4461 0553, 4461 0554, 4461 0555, 4461 0556, 4461 0557, 4461 0558, 4461 0559, 4461 0560, 4461 0561, 4461 0562, 4461 0563, 4461 0564, 4461 0565, 4461 0566, 4461 0567, 4461 0568, 4461 0569, 4461 0570, 4461 0571, 4461 0572, 4461 0573, 4461 0574, 4461 0575, 4461 0576, 4461 0577, 4461 0578, 4461 0579, 4461 0580, 4461 0581, 4461 0582, 4461 0583, 4461 0584, 4461 0585, 4461 0586, 4461 0587, 4461 0588, 4461 0589, 4461 0590, 4461 0591, 4461 0592, 4461 0593, 4461 0594, 4461 0595, 4461 0596, 4461 0597, 4461 0598, 4461 0599, 4461 0600, 4461 0601, 4461 0602, 4461 0603, 4461 0604, 4461 0605, 4461 0606, 4461 0607, 4461 0608, 4461 0609, 4461 0610, 4461 0611, 4461 0612, 4461 0613, 4461 0614, 4461 0615, 4461 0616, 4461 0617, 4461 0618, 4461 0619, 4461 0620, 4461 0621, 4461 0622, 4461 0623, 4461 0624, 4461 0625, 4461 0626, 4461 0627, 4461 0628, 4461 0629, 4461 0630, 4461 0631, 4461 0632, 4461 0633, 4461 0634, 4461 0635, 4461 0636, 4461 0637, 4461 0638, 4461 0639, 4461 0640, 4461 0641, 4461 0642, 4461 0643, 4461 0644, 4461 0645, 4461 0646, 4461 0647, 4461 0648, 4461 0649, 4461 0650, 4461 0651, 4461 0652, 4461 0653, 4461 0654, 4461 0655, 4461 0656, 4461 0657, 4461 0658, 4461 0659, 4461 0660, 4461 0661, 4461 0662, 4461 0663, 4461 0664, 4461 0665, 4461 0666, 4461 0667, 4461 0668, 4461 0669, 4461 0670, 4461 0671, 4461 0672, 4461 0673, 4461 0674, 4461 0675, 4461 0676, 4461 0677, 4461 0678, 4461 0679, 4461 0680, 4461 0681, 4461 0682, 4461 0683, 4461 0684, 4461 0685, 4461 0686, 4461 0687, 4461 0688, 4461 0689, 4461 0690, 4461 0691, 4461 0692, 4461 0693, 4461 0694, 4461 0695, 4461 0696, 4461 0697, 4461 0698, 4461 0699, 4461 0700, 4461 0701, 4461 0702, 4461 0703, 4461 0704, 4461 0705, 4461 0706, 4461 0707, 4461 0708, 4461 0709, 4461 0710, 4461 0711, 4461 0712, 4461 0713, 4461 0714, 4461 0715, 4461 0716, 4461 0717, 4461 0718, 4461 0719, 4461 0720, 4461 0721, 4461 0722, 4461 0723, 4461 0724, 4461 0725, 4461 0726, 4461 0727, 4461 0728, 4461 0729, 4461 0730, 4461 0731, 4461 0732, 4461 0733, 4461 0734, 4461 0735, 4461 0736, 4461 0737, 4461 0738, 4461 0739, 4461 0740, 4461 0741, 4461 0742, 4461 0743, 4461 0744, 4461 0745, 4461 0746, 4461 0747, 4461 0748, 4461 0749, 4461 0750, 4461 0751, 4461 0752, 4461 0753, 4461 0754, 4461 0755, 4461 0756, 4461 0757, 4461 0758, 4461 0759, 4461 0760, 4461 0761, 4461 0762, 4461 0763, 4461 0764, 4461 0765, 4461 0766, 4461 0767, 4461 0768, 4461 0769, 4461 0770, 4461 0771, 4461 0772, 4461 0773, 4461 0774, 4461 0775, 4461 0776, 4461 0777, 4461 0778, 4461 0779, 4461 0780, 4461 0781, 4461 0782, 4461 0783, 4461 0784, 4461 0785, 4461 0786, 4461 0787, 4461 0788, 4461 0789, 4461 0790, 4461 0791, 4461 0792, 4461 0793, 4461 0794, 4461 0795, 4461 0796, 4461 0797, 4461 0798, 4461 0799, 4461 0800, 4461 0801, 4461 0802, 4461 0803, 4461 0804, 4461 0805, 4461 0806, 4461 0807, 4461 0808, 4461 0809, 4461 0810, 4461 0811, 4461 0812, 4461 0813, 4461 0814, 4461 0815, 4461 0816, 4461 0817, 4461 0818, 4461 0819, 4461 0820, 4461 0821, 4461 0822, 4461 0823, 4461 0824, 4461 0825, 4461 0826, 4461 0827, 4461 0828, 4461 0829, 4461 0830, 4461 0831, 4461 0832, 4461 0833, 4461 0834, 4461 0835, 4461 0836, 4461 0837, 4461 0838, 4461 0839, 4461 0840, 4461 0841, 4461 0842, 4461 0843, 4461 0844, 4461 0845, 4461 0846, 4461 0847, 4461 0848, 4461 0849, 4461 0850, 4461 0851, 4461 0852, 4461 0853, 4461 0854, 4461 0855, 4461 0856, 4461 0857, 4461 0858, 4461 0859, 4461 0860, 4461 0861, 4461 0862, 4461 0863, 4461 0864, 4461 0865, 4461 0866, 4461 0867, 4461 0868, 4461 0869, 4461 0870, 4461 0871, 4461 0872, 4461 0873, 4461 0874, 4461 0875, 4461 0876, 4461 0877, 4461 0878, 4461 0879, 4461 0880, 4461 0881, 4461 0882, 4461 0883, 4461 0884, 4461 0885, 4461 0886, 4461 0887, 4461 0888, 4461 0889, 4461 0890, 4461 0891, 4461 0892, 4461 0893, 4461 0894, 4461 0895, 4461 0896, 4461 0897, 4461 0898, 4461 0899, 4461 0900, 4461 0901, 4461 0902, 4461 0903, 4461 0904, 4461 0905, 4461 0906, 4461 0907, 4461 0908, 4461 0909, 4461 0910, 4461 0911, 4461 0912, 4461 0913, 4461 0914, 4461 0915, 4461 0916, 4461 0917, 4461 0918, 4461 0919, 4461 0920, 4461 0921, 4461 0922, 4461 0923, 4461 0924, 4461 0925, 4461 0926, 4461 0927, 4461 0928, 4461 0929, 4461 0930, 4461 0931, 4461 0932, 4461 0933, 4461 0934, 4461 0935, 4461 0936, 4461 0937, 4461 0938, 4461 0939, 4461 0940, 4461 0941, 4461 0942, 4461 0943, 4461 0944, 4461 0945, 4461 0946, 4461 0947, 4461 0948, 4461 0949, 4461 0950, 4461 0951, 4461 0952, 4461 0953, 4461 0954, 4461 0955, 4461 0956, 4461 0957, 4461 0958, 4461 0959, 4461 0960, 4461 0961, 4461 0962, 4461 0963, 4461 0964, 4461 0965, 4461 0966, 4461 0967, 4461 0968, 4461 0969, 4461 0970, 4461 0971, 4**

**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)

