

INDCHLOR[®]

Mixed Oxidant Generator

INDCHLOR[®] is an on-site, integrated system which produces mixed oxidants from a salt solution for disinfection of water. The electrolytic cell is the heart of the system and the disinfectant is produced by electrolyzing salt solution. INDCHLOR[®] is designed to generate mixed oxidants continuously except during cleaning and maintenance.



Advantages:

- Completely non-hazardous and safe.
- Very low operating cost, use of salt to generate mixed oxidants.
- Kills bacteria, pathogens, viruses, cysts, etc.
- Long shelf life of 9 days when properly stored as compared to 2-3 days with NaOCl solution.
- As effective as ozone in swimming pool treatment.
- Better oxidation efficiency as compared to gas and liquid chlorination due to presence of other oxidants.
- Modular in nature.
- No odour and taste problems.

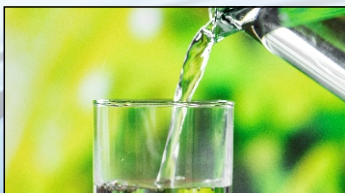
Features:

- State-of-the-art electronically controlled safety interlocks ensure operational safety.
- Simple and cost-effective method.
- Integrated monitoring system ensures efficiency.
- Alert alarm signals undesirable conditions.
- QAP ensures quality product.
- Designed to function in auto mode.

Applications

INDCHLOR[®] finds applications in industries, institutions, hotels, resort s and establishments

- Drinking water treatment
- Swimming pool treatment
- Cooling water treatment
- Process water treatment



Technical Specifications

Description	INDCHLOR® 400	INDCHLOR® 800
Brine Tank Capacity	150 litres	250 litres
Mixed Oxidant Solution Tank	150 litres	250 litres
Dimensions of the Unit	600 X 600 X 300 mms	800 X 800 X 300 mms
Power Requirement	Single phase 220 volts and 50 Hz	Single phase 220 volts and 50 Hz
Operating Temperature	45° C Max	
Salt Solution	The solution prepared should be free of hardness and silica. Reverse Osmosis (RO) permeate/demineralised (DM) water is recommended for maximum life of the cell.	
Expected Life of the Cell	3 Years	
Mixed Oxidants Generated Per Day	0.4 kgs	0.8 kgs

Salt Consumption

Flow Rate in m ³ /h	Dosage			
	0.5 ppm	1 ppm	1.5 ppm	2 ppm
5	0.6 kg/day	0.12 kg/day	0.18 kg/day	0.24 kg/day
10	0.12 kg/day	0.24 kg/day	0.36 kg/day	0.48 kg/day
15	0.18 kg/day	0.36 kg/day	0.54 kg/day	0.72 kg/day
50	0.24 kg/day	0.48 kg/day	0.72 kg/day	0.96 kg/day*

*If capacity exceeds 0.8 kg/day, combination of two models is required.

To the best of our knowledge the information contained in this publication is accurate. Ion Exchange (India) Ltd. maintains a policy of continuous development and reserves the right to amend the information given herein without notice. Please contact our regional / branch offices for current product specifications.

INDCHLOR® is the registered trademark of Ion Exchange (India) Ltd.



ION EXCHANGE (INDIA) LTD.

Corporate Office

Ion House, Dr. E. Moses Road, Mahalaxmi,
Mumbai - 400011 | Tel: +91 22 6231 2000
E-mail: ieil@ionexchange.co.in

International Division

R-14, T.T.C MIDC, Thane - Belapur Road, Rabale,
Navi Mumbai - 400 701 | Tel: +91 22 6857 2400
E-mail: export.sales@ionexchange.co.in

Regional and Branch Offices

Bengaluru | Bhubaneswar | Chandigarh | Chennai
Delhi | Hyderabad | Kolkata | Lucknow | Vadodara
Vashi | Visakhapatnam

Overseas Offices

Bangladesh | Canada | Indonesia | Kenya
Malaysia | Oman | Portugal | Saudi Arabia | Singapore
South Africa | Sri Lanka | Tanzania | Thailand | UAE | USA

Manufacturing Units

India - Ankleshwar | Hosur | Patancheru | Rabale | Verna | Wada

Overseas - Bangladesh | Indonesia | Saudi Arabia | UAE

All India Service and Dealer Network

www.ionexchangeglobal.com

