

## **INDCHLOR<sup>®</sup>**

### **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 disinfectant is produced by electrolysing 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 of 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



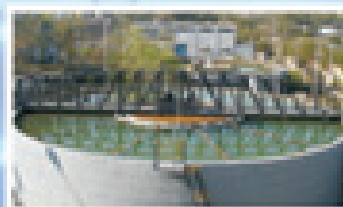
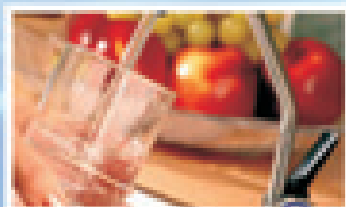
#### **Features**

- 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 application in industries, institutions, hotels, resorts and establishments.

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



## Technical Specifications

Description	<b>INDIOLOX<sup>®</sup> 400</b>	<b>INDIOLOX<sup>®</sup> 800</b>
Brine tank capacity	150 litres	250 litres
Mixed oxidant solution tank	150 litres	250 litres
Dimensions of the unit	600 X 600 X 300 mm	800 X 800 X 300 mm
Power requirement	Single phase 220 Volts & 50 Hz	Single phase 220 Volts & 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 <sup>3</sup> /h	Dosage			
	0.5 ppm	1 ppm	1.5 ppm	2 ppm
5	0.06 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
20	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 are 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 offices for current product specifications.

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