

**ISO 9001 - 2000**

# **Titanium Tantalum Products Ltd**

**ELECTROCHLORINATORS**

**SINCE 1981**



[www.titanidia.com](http://www.titanidia.com)

TiTaN with its two decades of experience in manufacturing Electrolyzers for various electrochemical Industry, offers a comprehensive series of Electrolyzers for electro-chlorination Industry.

TiTaN' s Electrolyzer designs have been evolved based on its past experience & requirements under the able leadership & guidance of our chairman Dr. R. Thangappan a world renowned Electrochemist and a scientist turned successful entrepreneur .

TiTaN' s electrolyzer range addresses most of the compelling requirements specific to each application and industry.



**Dr. R. Thangappan**  
B.Sc., Tech (Chem. Engg)  
MIE, MIIChe, FSAEST  
Chairman

# RT CHLOR™

## Application

Parallel electrode cell assembly has been designed to meet the ever growing needs of **Synthetic Brine** chlorination demands



### Range / Capacity

15 gm / hr - 5.0 Kg/hr

## Salient Features

- RT Chlor Electrolyzers are designed for horizontal assembly -
- The Electrolyzer body is available in CPVC / PVC with GRV -
- The Design incorporates easy hydrogen release from cells -
- Uses TiTaN's ATMA™ Electrodes -

# RT CHLOR - S™

## Application

Parallel electrode cell assembly adopted in this design is ideal for low capital cost, large capacities in utilities, coastal process plants using **sea water** for hypochlorite generation.



### Range / Capacity

0.5 Kg / hr - 500 Kg/hr

## Salient Features

- RT Chlor - S electrolyzers are offered in horizontal and Vertical Mounting -
- The cell body is economically designed using CPVC and GRV construction -
- The design incorporates Bi-polar construction with modules Connected electrically and hydraulically in series -

# Cloromarine<sup>TM</sup>



## Application

Disc Electrode Cell assembly in Cloromarine has been designed for Ingress Protection (IP) rating of 65 suitable for harsh environments in offshore & marine applications.

### Range / Capacity

0.25 Kg / hr - 5.0 Kg/hr

## Salient Features

Versatile electrochlorinator cell for marine applications -  
Cloromarine is designed to operate at 145 psi(10 bar) -  
Available with both ATMA<sup>TM</sup> & EPMA<sup>TM</sup> options for electrodes -

# Cleanilec<sup>TM</sup>

## Application

Designed and developed for electrolytic type sewage treatment for marine and offshore applications.

### Range / Capacity

0.5 Kg / hr - 10 Kg/hr

## Salient Features

Monopolar design is adapted in the electrolyzers -  
Cleanilec Electrolyzer are of light weight construction -  
These cells can operate on both black and gray water -  
Available with both ATMA<sup>TM</sup> & EPMA<sup>TM</sup> options for electrodes -

# Hypopac<sup>TM</sup>

## Application

Concentric pipe / tubular electrode concept is proven to be most suitable for producing Hypochlorite from Sea Water for diverse applications.

### Range / Capacity

0.25 Kg / hr - 50 Kg/hr

## Salient Features

Concentric tubular electrolyzer design needs no back flushing -  
Hypopac is designed to operate at turbulent high velocity. -  
Designed for suitability in both classified & unclassified area -  
Available with both ATMA<sup>TM</sup> & EPMA<sup>TM</sup> options for electrodes -



www.titanindia.com

**Head Office**

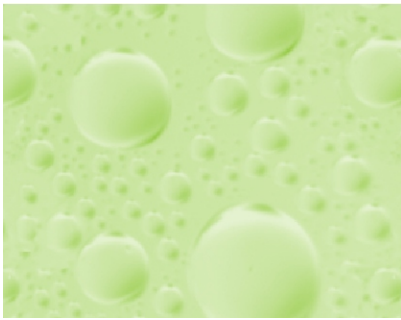
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**Dealers / Agents**

