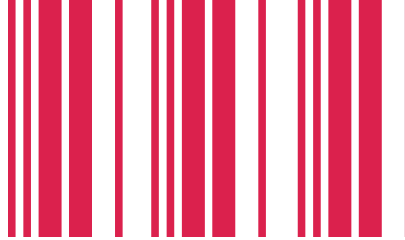




LiQuid
bleach
PRODUCTION SYSTEM



ISO 9001 - 2008

Titanium Tantalum Products Limited

HIGH STRENGTH HYPOCHLORITE-BLEACH SYSTEMS

S I N C E 1 9 8 1



www.titania.com



01. MEMBRANE ELECTROLYZER
04. UTILITY SECTION

02. BRINE SECTION

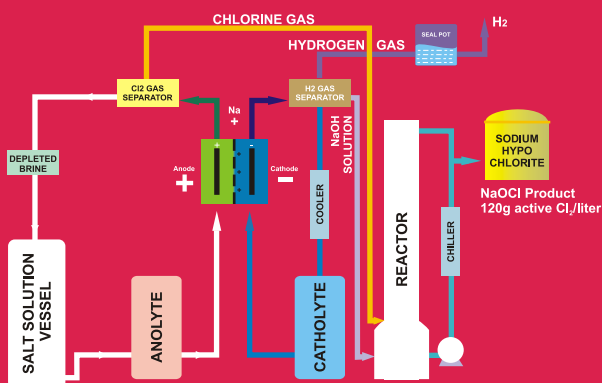
03. ION-EXCHANGE COLUMNS

05. PRODUCTION FLOOR

TYPE	MODEL	Cl ₂ Kg/day	12% HYPO PRODUCTION in terms of volume (Lit/day)
Mini Plant	RT HYPO FORTE 100	120	1000
	RT HYPO FORTE 250	300	2500
	RT HYPO FORTE 500	600	5000
Production Plant	RT HYPO FORTE 1000	1200	10000
	RT HYPO FORTE 2000	2400	20000
	RT HYPO FORTE 5000	6000	50000



The Process



TiTaN's RT HYPO FORTE, the membrane electrolysis technology provides safe and cost effective production of high purity, commercial-strength sodium hypochlorite solution with the simple, less expensive and easy source raw materials; purified salt (brine), water and electricity. RT HYPO FORTE produces pure bleach at the required concentrations either for own internal use on-site or alternatively distribution and packaging for market.


The RT HYPO FORTE electrochemical technology, a specific design for continuous production of commercial hypochlorite on-site, economically and harmless alternative to a disinfection with chlorine gas, chlorine bleaching or other compounds of chlorine. RT HYPO FORTE, the safe, near zero-polluting and multi-configurable system produces bleach at required concentrations, ranging from 5 % to 12.5% of trade grade hypochlorite.





01. MEMBRANE ELECTROLYZER 02. ANOLYTE / CATHOLYTE 03. CONTROL PANEL
04. BRINE SECTION 05. RT HYPOFORTE SYSTEM

Advantages

- Purchase salt and electricity (easy sourceable) instead of chlorine and caustic soda.
- Eliminate handling, storage and distribution of liquid chlorine
- On-site production with minimum waste discharge due to maximum recycle.
- Expandable design by adding additional electrolyzer modules
- Economic and high efficient process requires less power and forms less waste .
- Uses indigenously developed  electrolyzers for easy support and durable operation.
- Safe and easy operation produces HYPOCHLORITE with less impurities.
- Low Bromate and Chlorate formation.



Eliminate storing
hazardous chemicals

BUY ONLY
**SALT &
POWER**

**PRODUCE
HYPO BLEACH
ONSITE, SAFELY**

LIQUID
BLEACH
NO CHLORINE HAZARDS

www.titanindia.com

Head Office

86/1, Vengaivasal Main Road,
Gowrivakkam,
Chennai 600 073, India.
Ph: +91-44-22781210/0211/0212
Fax : +91-44-22780209
E-Mail: sales@titanindia.com

www.titanindia.com
www.skidplant.com
www.rtame.com



Agents / Distributor

