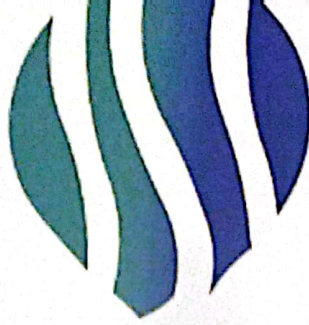


ISOTECH

Water Technology



ISOTECH

Water Technology

- RO systems & equipments.
- Industrial wastewater treatment.
- Filtration systems.
- Ultrafiltration systems.
- Ro & water treatment chemicals.
- Instrumentation devices.
- Design & technical support.
- After sale service.



'TORAY'
Innovation by Chemistry



'TORAY'

Toray Membrane Middle Est LLC



■ **Business:**

RO, NF, UF and MBR Membranes
Production, Sales, Marketing, Technical Service
Dammam 3rd Industrial Zone, Kingdom of Saudi Arabia

Location:

Establishment:

Start Production

Capital:

Office:

Dubai:

Coverage:

November 2014

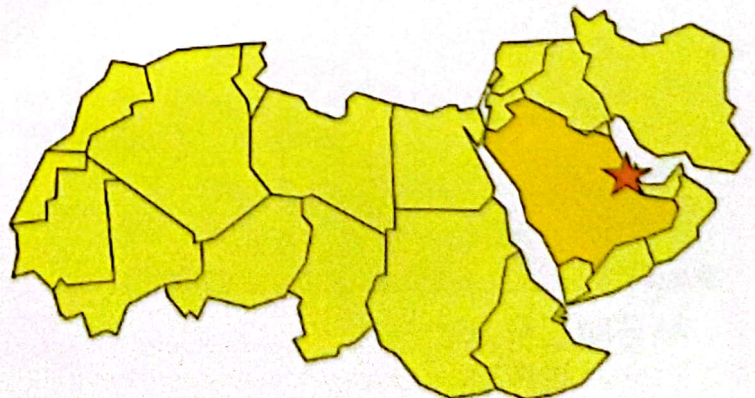
June 2015

45 million SAR

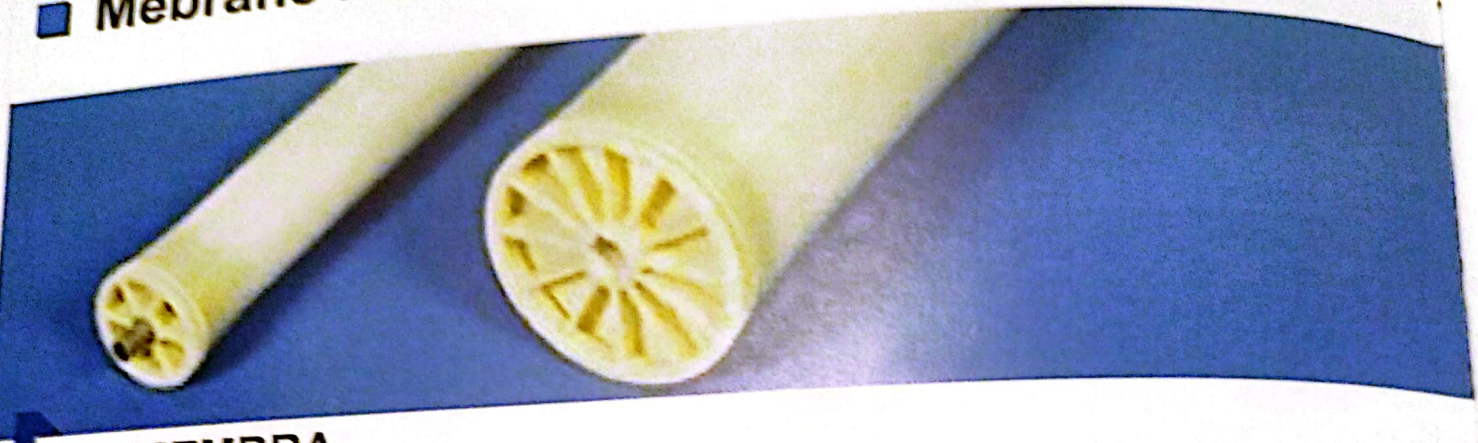
Dammam, Riyadh

(opening soon)

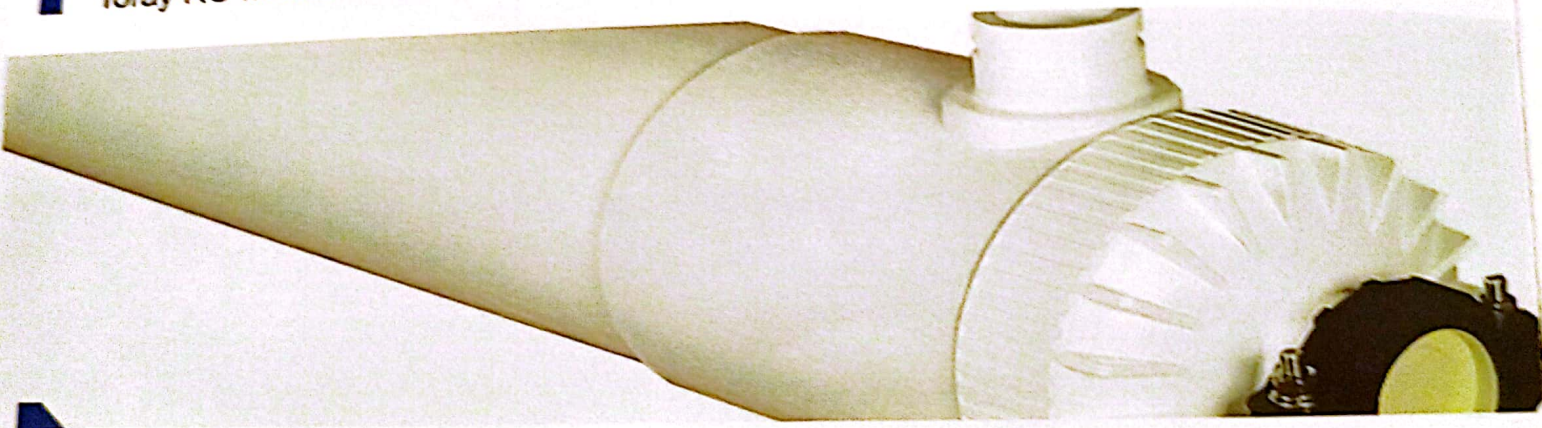
Middle East
and North Africa



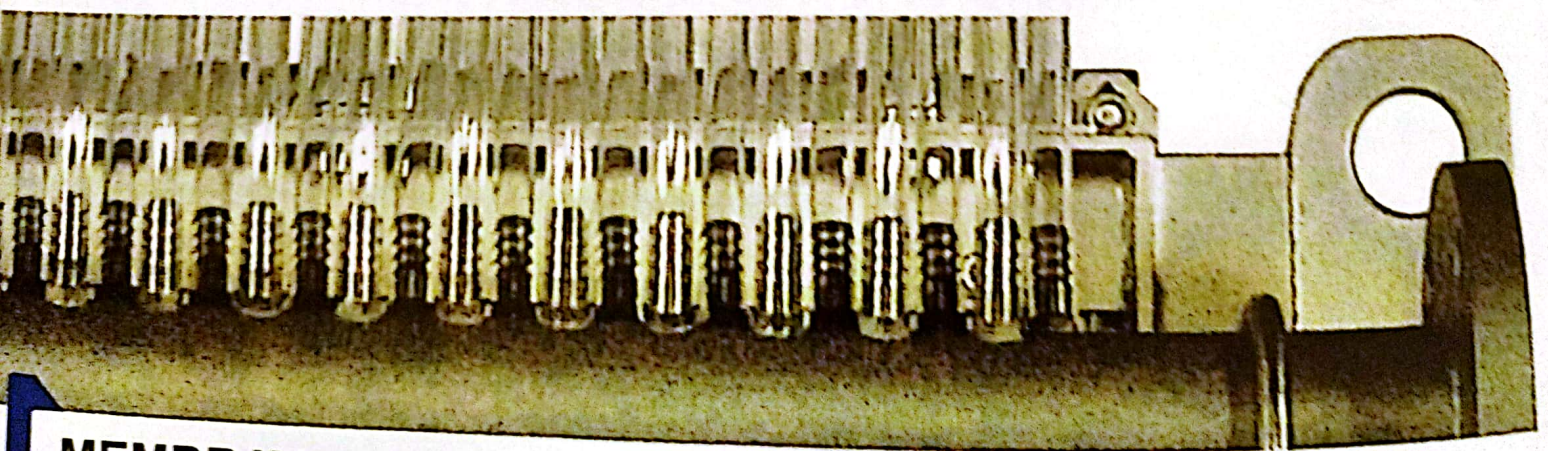
■ Membrane Business Portfolio



ROMEMBRA
Toray RO Membrane



TORAYFIL
Toray UF/MF Membrane



MEMBRAY
Toray MBR Membrane

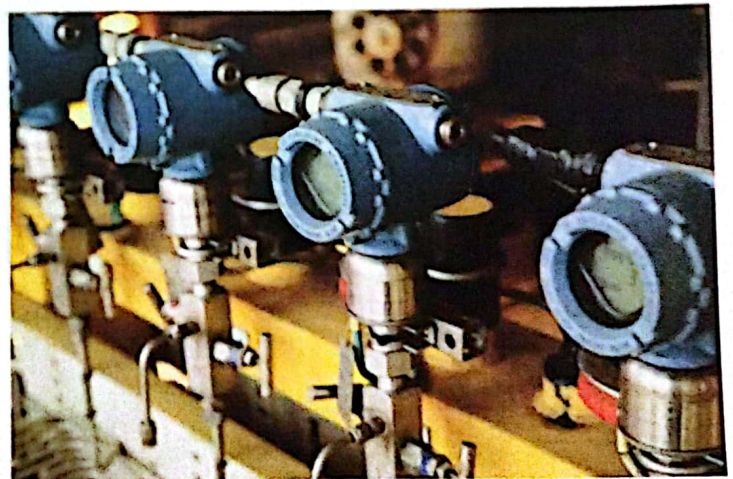
■ Ultrafiltration

- Ultrafiltration Systems that are designed to reliably remove suspended solids, turbidity, bacteria, pathogens and viruses from water
- These Systems are made to be economical, compact, and capable of allowing decreased plugging, and greater solids loading.
- The UF membranes ensure maximum filtration performance with high flux, including the systems resistance to chemicals and high tolerance to changing temperatures.



■ Instruments

- ISOTECH offers a complete product portfolio for water industry applications, along with the expertise of instrument consultants who understand your process and the issues that you face.
- we provide measurement and control products to the water and wastewater treatment.



■ SWRO Series / Specification :

Product	Specification				
	Membrane Area (ft ²)	TDS rej. (%)	Productivity (GPD, (m ³ /d))	Boron rej. (%)	Feed Spacer Thickness (mil)
TMS20K-400	400	99.87	6.000 (22.7)	96	34
TMS20M-400	400	99.80	7.000 (28.4)	95	34
TMS20V-400	400	99.80	9.000 (34.1)	92	34

SWROS Which have high performance and durability have been developed based on the fundamental researches.



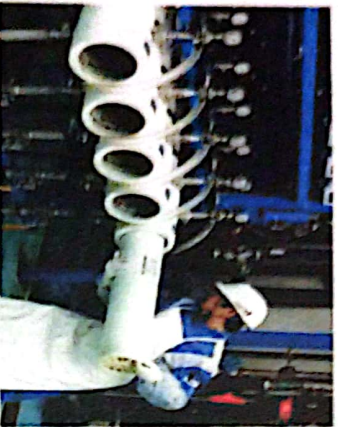
■ BEL Pressure vessel

PROFILE:

- BEL is a world specialist manufacturer and vendor of composite made pressure vessels (Membrane Housing) and other equipment for the water industry .
- BEL offers worldwide sales and supplied services from its state of the art manufacturing plant in Spain and a well- established global chain of logistics and distributors centers
- To date BEL Group supplied more than 100.000 of pressure vessels to thousands of projects world wide from mega - size sea water desalination projects to smaller industrial solutions of different applications, providing a total solution of detailed design, production and installation.



■ **Serve to Support Customers' Operation**



Standard Performance Examination



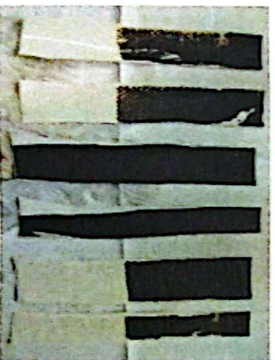
Element Autopsy



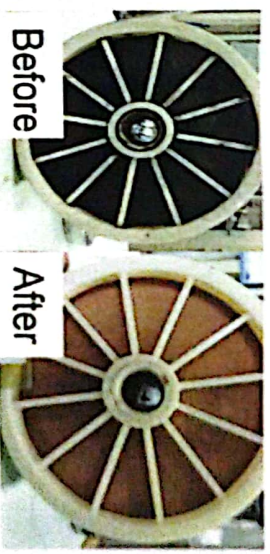
Flat Sheet Test



Foulant Analysis



CIP Chemical Selection



Performance Recovery Test

**Technical Service Facilities in Dammam Factory
To Provide First and Extensive Support**

■ Vessel (FRP Tanks) ISO Tech Brand:

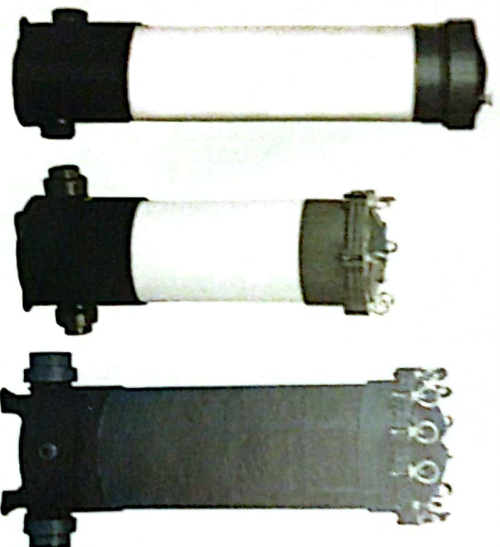
Description	Height w/base Inches/mm	Height w/base Inches/mm	Capacity Gallons/Liters	Top Open	Bottom Open
10x54	54.8/1392	54.6/1387	16.4/62	2.5"	N/A
13x54	54.6/1387	53.9/1369	27.5/104.0	2.5"	N/A
14x65	64.6/1641	64.3/1633	40.6/154.0	2.5"	N/A
16x65	64.6/1641	64.3/1633	49.0/185.0	2.5"	N/A
18x65	67.1/1704	66.5/1689	62.4/236	4"	N/A
18x65	79.8/2027	63.3/1608	62.4/236	4"	4"
21x62	66.9/1699	62.6/1590	82.4/312	4"	N/A
21x62	79.0/2006	62.6/1590	82.4/312	4"	4"
24x72	74.1/1882	70.6/1793	119/450	4"	N/A
24x72	84.5/2147	69.0/1753	119/450	4"	4"
30x72	85.9/2182	70.2/1783	187/708	4"	N/A
36x72	86.2/2190	70.2/1791	264/999	4"	N/A
36x72	86.2/2190	70.2/1791	264/999	4"	4"
48x72	91.8/2332	76.0/1930	463/1753	6" FLG	N/A
48x72	29.8/2357	77.0/1955	463/1753	6" FLG	6"FLG



■ Cartridge Filter Housing-by Aqua Filt (India)

Operating in formation:

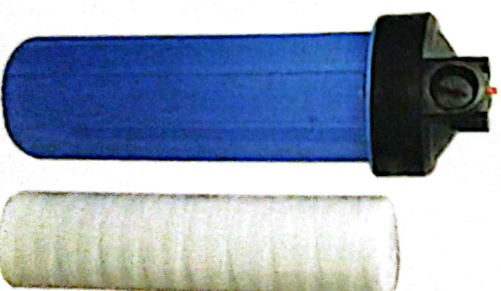
Cartridge Size	Cartridge pieces	Material	In/out	Max pressure
20"	5		FLG:	
30"	5	UPVC	DNSO/AN SI2"	6 Bar
40"	5.7			
40"	7.9	UPVC	D.V80: ANSI3"	7 Bar



■ Excel Jumbo Housing

Specification :

- Suitable for 20" jumbo excel wound filter with Cartridge with 50mm ID and 150mm OD .
- In/out connection: 2" BSP female threaded .
- SS insert mounting .
- flow rate > 10m³/hr .



Application :

Pharmaceuticals	Bore well water	Petroleum Derivatives	Dairy
Water treatment	Dyes & Intermediate	Coolants	RO Pre filtration
Paints & inks	Processing chemicals	Food & beverage	Etc....

■ Head Controls Manual & Automatic :



■ Media & Vessel Accessories :



Green Sand



Filter Media



Ion Exchange resin



Activated Carbon

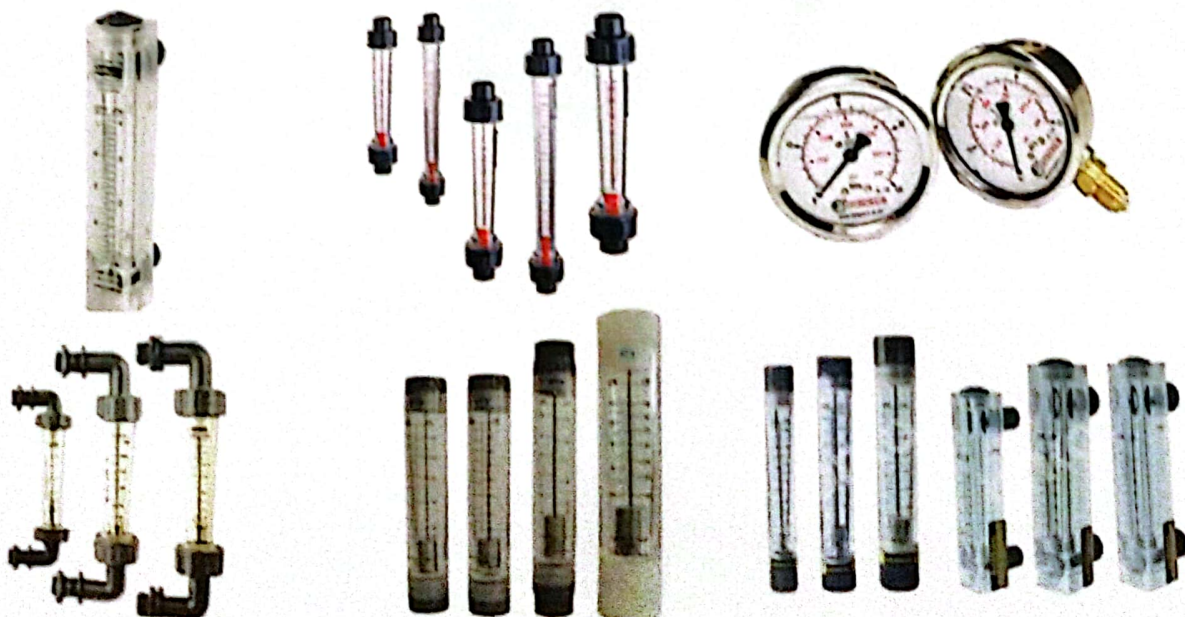


Resin



Birm

■ Flowmeter & Pressure Gauge :





ISO TECH
WATER TECHNOLOGY

SERVICES

- We offer a large selection of pre-engineered, turn-key water treatment systems, and products to meet the specific needs of any sized commercial or industrial application.
- ISOTECH extensive experience in engineering allows us to leverage our vast library of pre-engineered solutions to customize a water treatment solution that best fits the specific needs of each customer.

VISION

- Provide clean technology solutions for our customers needs, from an environmentally and sustainable approach.

SOLUTIONS FOR WATER CYCLE

- We offer an integrated range of services across the complete water cycle, from early-stage evaluation, through design and delivery, to ongoing support and optimization of water-related assets. our solutions include :
 - Energy-efficient technology that lowers capex and opex
 - Packaged and pre-engineered decentralized treatment solutions for quick deployment.
 - Tailored financing packages to finance water and wastewater treatment plants.
 - Constructing and operating water assets under build-operating-transfer (bot), operating and financing leases, and reuse-as-a-service (raas).



22 Soliman Azmy ST., from Abd El-Hameed , Badawi RD., Floor 10, Elnozha , Cairo , Egypt



(+2) 26245444



(+2) 26245444



info@isotechwater.com



www.facebook.com/isotechwater



www.isotechwater.com