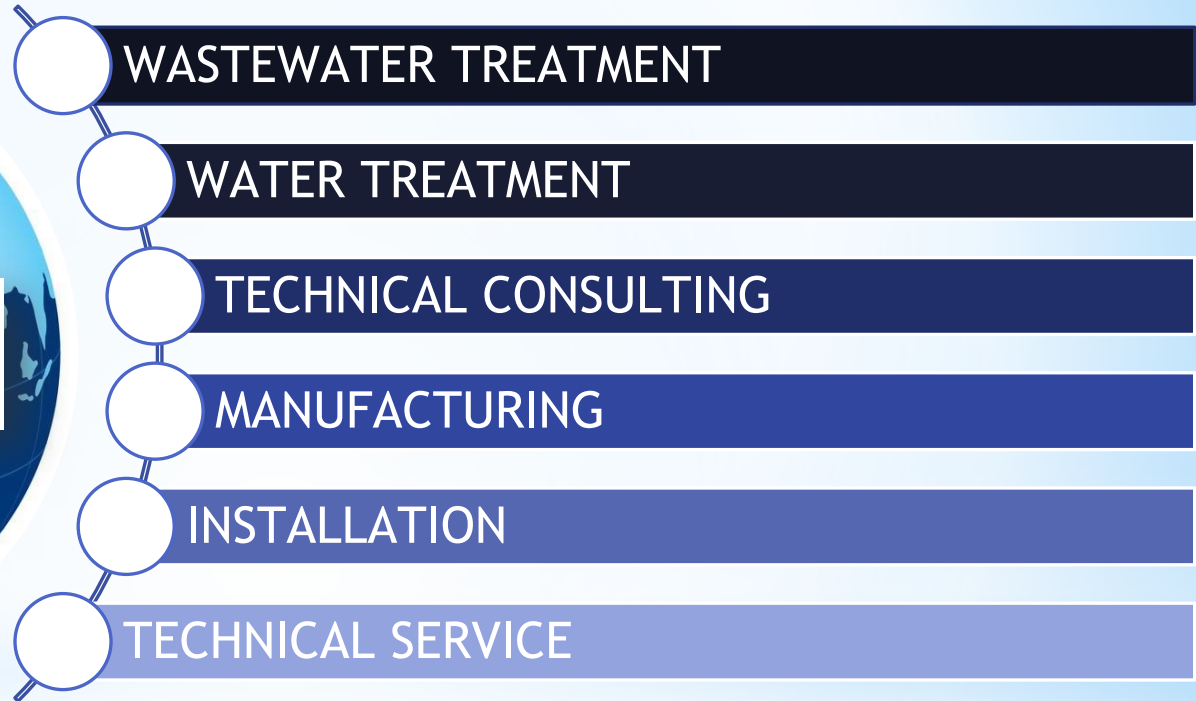


ENGINEERING GROUP



TOTAL EMPLOYEE: 100 PEOPLE



WATERLAND WATER TREATMENT & ENVIRONMENT TECHNOLOGIES

WATERLAND is established in 2007 in İstanbul.

WATERLAND is established with 14 years of experience of the founders and has become an outstanding company in water and wastewater treatment technologies.

WATERLAND TECHNOLOGIES

Waterland can provide turn-key solutions for;

- Filtration Systems,
- Softener Systems
- Ultrafiltration Systems
- Reverse Osmosis Systems
- EDI Systems
- WCU (Water Compact Units)
- Domestic Wastewater Treatment
- Industrial Wastewater Treatment

by projecting it with expert engineering and technical staff, in order to meet the required water/wastewater quality of plants.

We operate across a wide range of market sectors including:

- Textile Industry
- Paper Industry
- Paint Industry
- Automotive Industry
- Food Industry
- Power Plants
- Chemical Industry
- Mining Industry
- Water Bottling Factories



Water is Our Future
water | wastewater | chemical

• HOSPITALS



• MILITARY



• INDUSTRY



• HOTELS

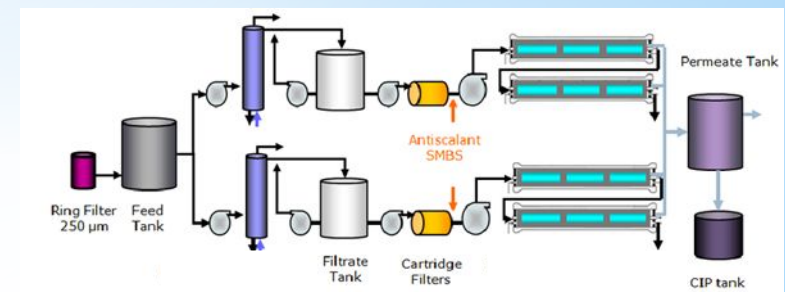


Location: Zorlu Holding / Taç Perde Bursa
 30m³/h Sand Filter - 28m³/h Ultrafiltration System
 20m³/h Reverse Osmosis System



Parameter	UNIT	RO Feed Water
pH	-	7,0
Conductivity	µS/cm	3120
TSS	mg/L	45

System Integrator:	Waterland
Capacity:	20 m ³ /h
Industry:	Textile Industry
Application:	Process Water
Total Units:	UF + RO System



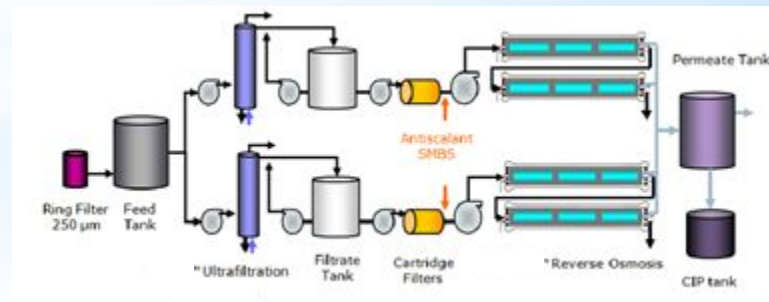
Location: Azerbaijan – Bakelektro – Mingecevir Power Plant

Ultrafiltration + RO + EDI System



Parameter	UNIT	RO Feed Water	EDI Product Water
pH	-	7,5	6,0 - 7,0
Conductivity	µS/cm		< 0,5
Turbidity	NTU	< 20	< 1
Silica	ppm	7,2	< 0,002
Sodium	ppm	20,19	< 0,015

System Integrator:	Waterland
Capacity:	660 m3/h
Industry:	Power Plant
Application:	Cooling Tower
Total Units:	UF + RO + EDI System



Location: Azerbaijan – Bakelektro – Mingecevir Power Plant Industrial Wastewater Treatment Plant



Parameter	UNIT	WWTP Influent	WWTP Effluent
pH	-	6,5 – 9	6,5 – 9
Chloride	ppm	N/A	350
Sulphate	ppm	N/A	500
TSS	ppm	N/A	30
O&G	ppm	N/A	0,05



System Integrator:	Waterland
Capacity:	2 x 40 m3/h
Industry:	Power Plant
Application:	Cooling Tower
Total Units:	Industrial WWTP

Location: Konya – Seydişehir Municipality - Turkey Domestic Wastewater Treatment Plant



Parameter	UNIT	WWTP Influent	WWTP Effluent
pH	-	6,5 – 9	6,5 – 9
COD	ppm	750	< 80
BOD	ppm	550	< 40
TSS	ppm	350	< 40
TKN	ppm	45	< 15
TP	ppm	8	< 2

System Integrator:	Waterland
Capacity:	15.000m3/day
Industry:	Domestic WW
Application:	Discharge to the channel
Total Units:	Biological Treatment

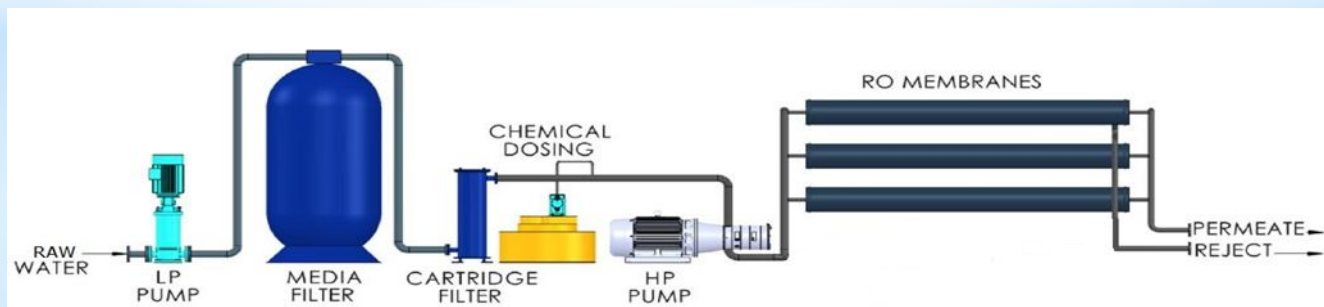
Location: Kazakhstan / Aktobe

**WCU(Water Compact Unit) + Brackish Water
Reverse Osmosis (BWRO) System +
ZLD (Zero Liquid Discharge)**



Parameter	UNIT	RO Feed Water
pH	-	6,8 – 10,25
Conductivity	µS/cm	3760
TSS	mg/L	9,8
TDS	mg/L	1202

System Integrator:	Waterland
Capacity:	600m³/h
Industry:	Mine Industry
Application:	Process Water
Total Units:	RO System + Evaporation



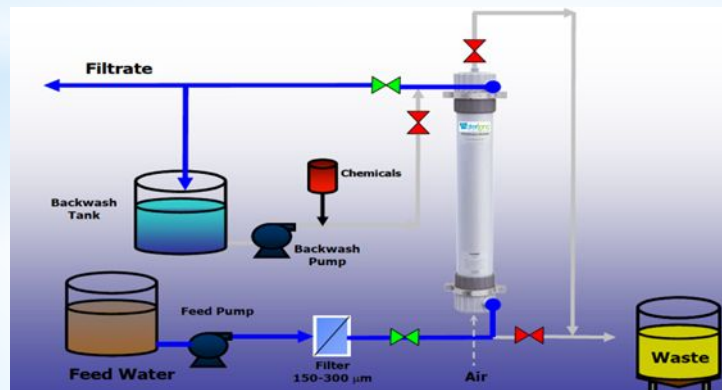
Location: İstanbul / Nuh Cement Factory

17.000m³/day Ultrafiltration System



Parameter	UNIT	UF Feed Water
pH	-	7,5-8,5
Conductivity	µS/cm	35.000-60.000
TSS	mg/L	<10
Turbidity	NTU	<10

System Integrator:	Waterland
Capacity:	17.000 m ³ /day
Industry:	Cement Industry
Application:	Process Water
Total Units:	UF System

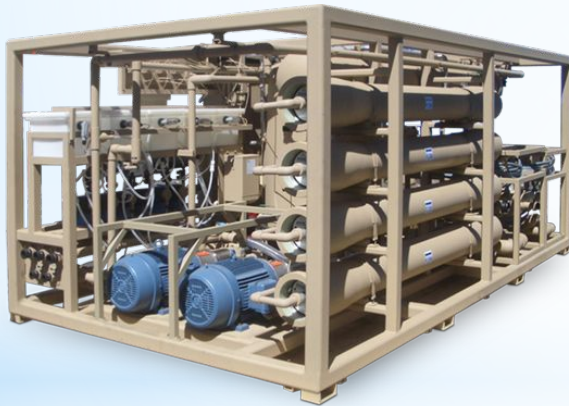


CUSTOM DESIGN PROJECTS



MILITARY TYPE MOBILE TREATMENT SYSTEMS

- Compact Military Type RO Systems
- Easy Installation
- Easy Operation
- Requires Low Energy



CUSTOM DESIGN PROJECTS

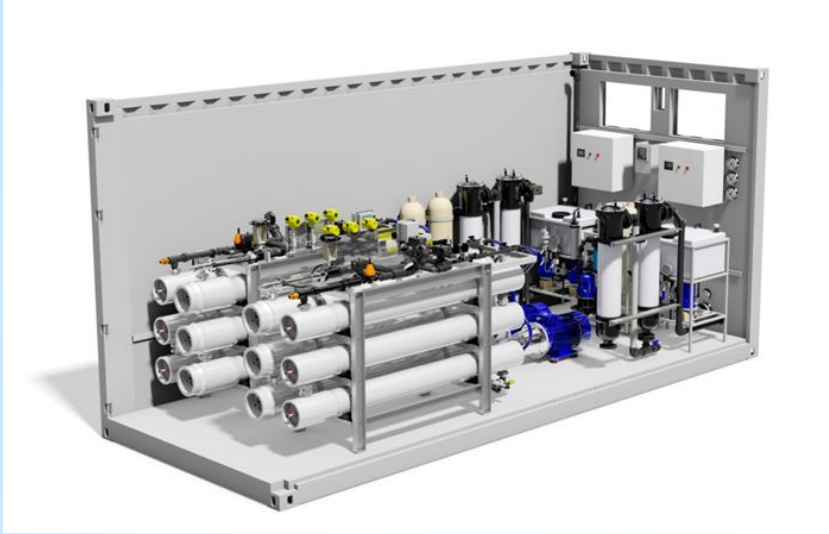
WCU (WATER COMPACT UNIT)



FOR RIVER WATER TREATMENT

CUSTOM DESIGN PROJECTS

MOBILE TYPE WATER TREATMENT SYSTEMS



CUSTOM DESIGN PROJECTS

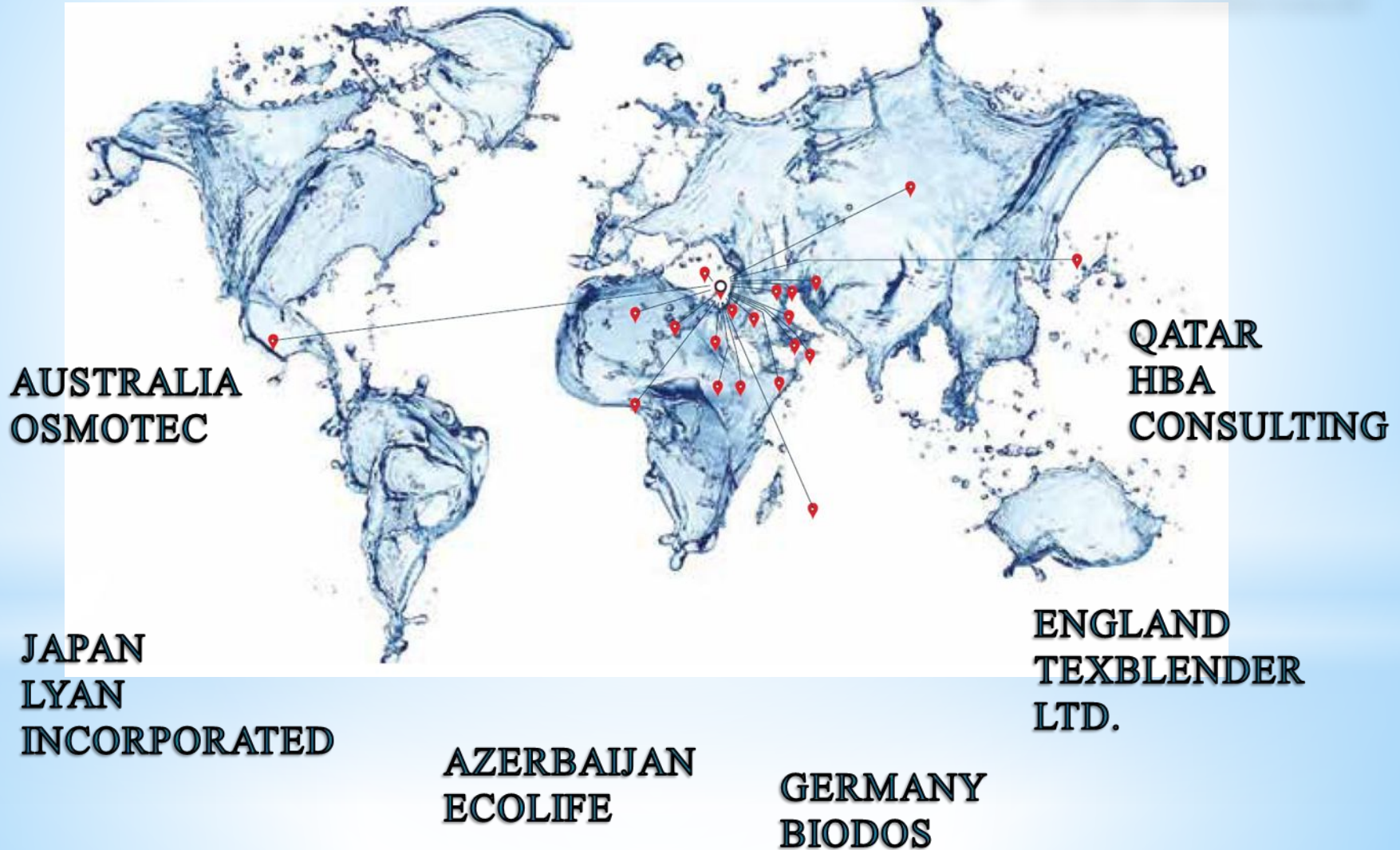


TRAILER TYPE WATER TREATMENT SYSTEMS



****UNDP Project***

OUR LOCATIONS





- Factory Automation



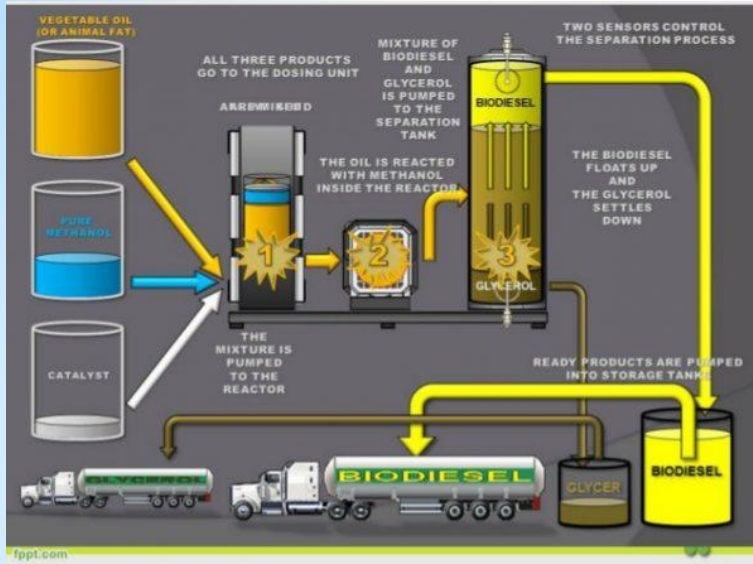
- Building Automation



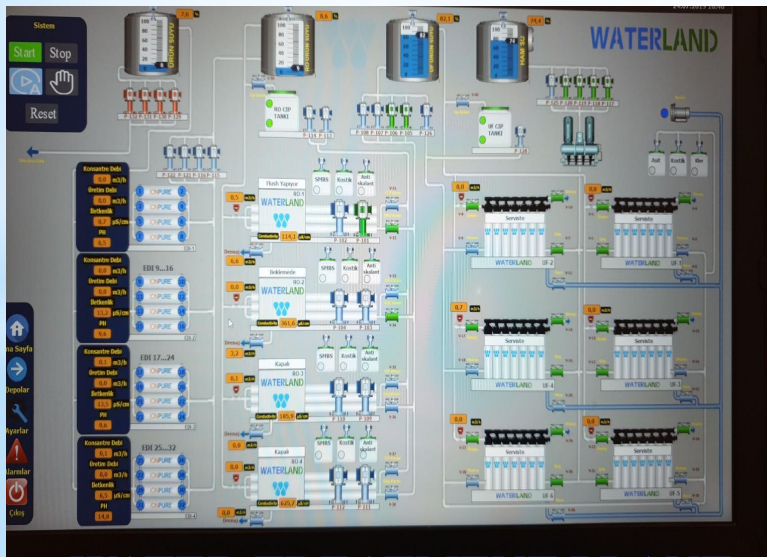
- Smart City Automation



FACTORY AUTOMATION SCADA SYSTEMS



INDUSTRY 4.0 AUTOMATION



WATER TREATMENT PLANT SCADA SYSTEMS



Factory
Building
Construction

Bridge
Construction

Road
Construction

Landscape
Projects

Residential
area
Construction



OUR APPLIED WORKS

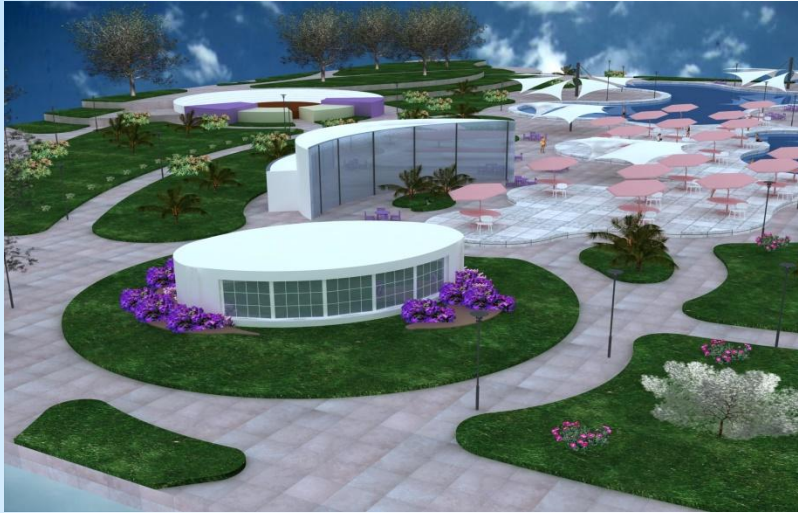


BRIDGE CONSTRUCTION

ROAD CONSTRUCTION



LANDSCAPE APPLICATIONS



CORPORATE BUILDING PARKS

URBAN PARKS



PAVEMENT/ ROAD CONSTRUCTION



AUTOBAN LIGHTNING/SIGNALIZATION APPLICATIONS



GREENCON GREENHOUSE SYSTEMS



SOILLESS AGRICULTURE APPLICATIONS



TESLA

ENGINEERING



Industrial
Equipment

Power Plants

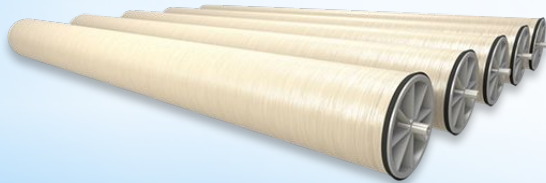
Isolation for
Power Plant

Chemical
Production





- Microsoll Water Technologies Solutions is an Austrian based European equipment manufacturing company.
- Microsoll has a wide range of water and wastewater treatment equipments.



Microsoll RO Membranes

Microsoll
UF Module



Microfiber FRP Tanks



Microsoll Cartridge
Filters



Microsoll Mobile RO Systems



Microsoll CIP Units



Inn Automatic Self-Cleaning Filter



Microsoll MPS/MPV High Pressure Pumps



Micropump



Microfiber Pressure Vessels



Microsoll Dosage Pumps