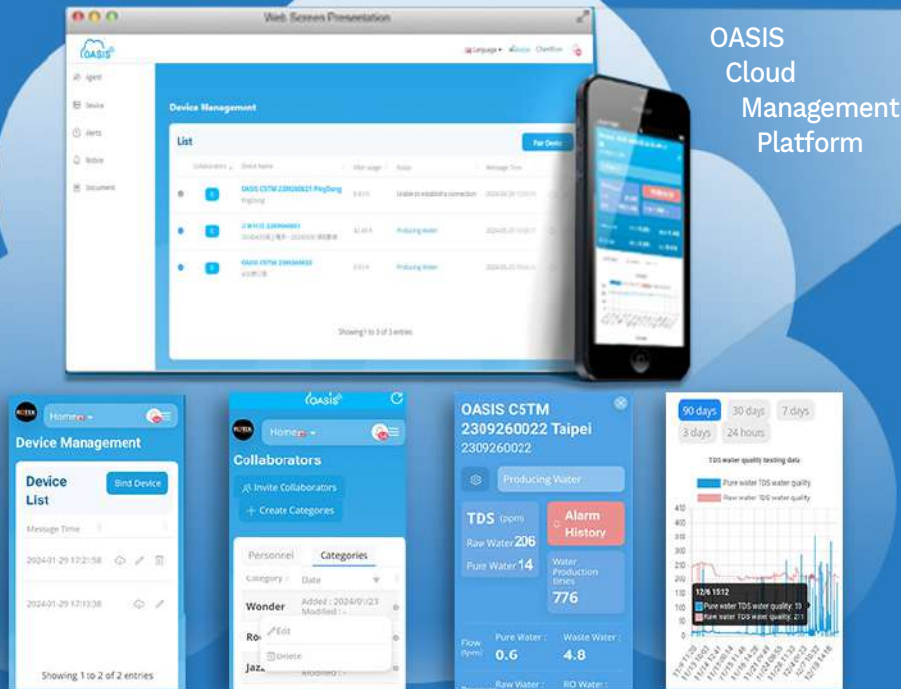




OASIS-RA series RO System



OASIS
Cloud
Management
Platform



Designed for Industrial and Commercial Use, through the OASIS Cloud Management Platform, provides detailed operation logs, allowing operators to manage RO equipment remotely.

Over 90% of the market's commercial and industrial RO water purification systems lack operational record functions, relying entirely on manual records. However, manual records are often incomplete or missing, making it difficult for technicians to diagnose problems when the RO membrane becomes clogged or the system encounters issues. Real-time logging of the RO system's operating parameters is crucial for technical personnel! Comprehensive and detailed operation logs allow operators to understand the RO equipment status through the data.

Whether in wastewater treatment, seawater desalination, or drinking water purification, this solution is an indispensable tool for your business. We believe the OASIS-RA series will bring greater value and competitive advantages to your operations.

Key features of OASIS-RA system:

- Diverse curve data analysis for easy RO membrane status monitoring
- One-click service request with immediate notification to maintenance personnel
- Customizable alarm parameters for different business models
- Provision of all necessary RO operating parameters, including water quality, flow rate, and pressure
- Patented raw water/pure water flushing mechanism to extend RO membrane life
- Adjustable flushing time to accommodate various project requirements
- Remote emergency shutdown and password protection for system security
- Multi-user collaborative management to avoid missing important equipment alerts

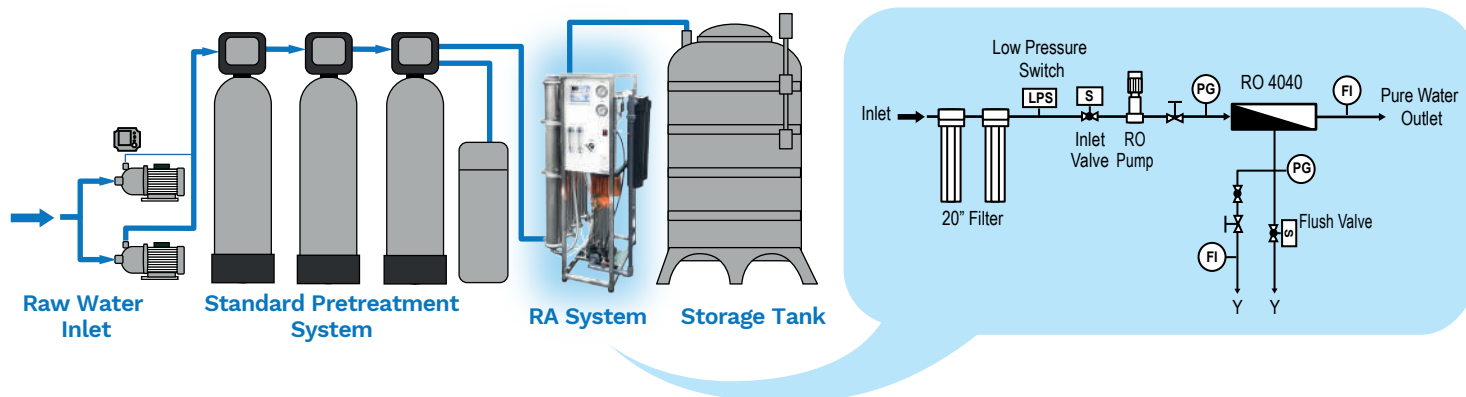
Specifications

Models	OASIS-RA 800	OASIS-RA 1500	OASIS-RA 3000	OASIS-RA 4500	OASIS-RA 6000
Feed WaterTDS	<1500ppm	<1500ppm	<1500ppm	<1500ppm	<1500ppm
Recovery Rate*	18-75%	18-75%	34-75%	45-75%	50-75%
Vessel Array	1	1	1:1	1:1:1	1:1:1:1
ROTEK RO Membrane	ULP-2540 x 1	XLP-4040 or BW-4040 x 1	XLP-4040 or BW-4040 x 2	XLP-4040 or BW-4040 x 3	XLP-4040 or BW-4040 x 4
Membrane Housing: SS304 body + PE end caps	2540 x 1	4040 x 1	4040 x 2	4040 x 3	4040 x 4
Production Capacity (GPD/LPH)**	800/150	1500/250	3000/500	4500/750	6000/1000
Permeate Flow Rate (gpm/lpm)**	0.6/2.2	1.0/3.9	2.1/7.9	3.1/11.8	4.2/15.8
Feed Connection	3/8" FNPT	1/2" FNPT	3/4" FNPT	3/4" FNPT	3/4" FNPT
Permeate Connection	3/8"	3/8"	1/2"	1/2"	1/2"
Concentrate Connection	3/8"	3/8"	1/2"	1/2"	1/2"
Flush Connection	3/8"	3/8"	1/2"	1/2"	1/2"
Pump type & Motor HP	Rotary Vane 0.5HP	Rotary Vane 1HP	Multistage 2HP	Multistage 2HP	Multistage 2HP
Gross Dimension (cm)	66X45X130	66X45X130	69X63X147	69X63X147	69X63X147
Gross Weight (kg)	35	45	88	94	100

* Minimum recovery rate is calculated base on no concentrate recirculation, it is possible to increase the overall recovery rate by increasing the concentrate circulation flow.

** Permeate flow rate can be vary depends on type of membrane, raw water quality and recovery rate.

Application Diagram



OASIS Cloud IoT Application Diagram



The OASIS Cloud Management Platform can realize multiple real-time monitoring and multi-person collaborative management modes, It also allows managers to determine the information management levels.

The OASIS Cloud Management Platform is not only applicable to RA series RO systems but also to all RO reverse osmosis systems below ROTEK 6000GPD. If you are interested in this innovative RO monitoring platform or have any questions, please contact us. Let us work together to bring greater performance and value to your business!

Note

- For best performance, it is recommended to set up a dedicated and independent Wi-Fi network for Oasis. When pairing the Oasis Cloud Management App with the Oasis Wi-Fi RO Controller, please temporarily disable other Wi-Fi networks in the environment to prevent interference.
- Download the OASIS Cloud application from Google Play. Your phone must be Android 9.0 or higher.
- Make sure your RO reverse osmosis system RA/RB/RL/RT/KSRO/HERO operates normally and successfully produces pure water.