



## MEET OCEO

**OCEO** is an IoT enabled Smart Water Purifier is designed to meet growing needs for safe drinking water. With **OCEO** Smart Sensor innovation, we not only measure & monitor the drinking water usage, but also maintain safe drinking and hygiene water at all times.

OCEO Water Purification devices are installed at the user's location without having to purchase or bear any Maintenance Costs of the machine. We provide Water Purification as a Service and hence OCEO users pay only for amount of water purified (Pay per litre) by the device.

Innovative features of OCEO

1. Smart Purification - Dual purification system for drinking & cooking water
2. Smart Connection - Measure & Monitor Quality of every water drop
3. Smart Ownership - Unique Pay per Use Model
4. Smart Dispensing - Remote Sensor Technology for non-stop purification

Our smart dual water purification technology produces RO mineralised water and Non-RO Ultra filtration treated water in a single device.

OCEO integrated real time monitoring platform allows us to perform predictive maintenance of the devices and ensure safety in every water drop filtered from the device. We capture gather data such as water flow, quality of water, device working condition on a real time basis through remote monitoring.

OCEO comes with a unique pay per litre model. One can conveniently recharge/buy water credits online via OCEO mobile & web application.

## Welcome OCEO. Welcome Happiness.

Let's explore how OCEO - Smart Water Purifier makes a whole lot of sense for you.

### Safety

Maintaining the safety and purity of drinking water remains a priority for us. OCEO smart water purification ensures that all contaminants are removed and water quality is enriched with essential minerals to boost health and well-being.

### Intelligent Sensors

OCEO Intelligent Sensors are designed to gather meaningful and actionable data on every water drop for its quality, level and flow on a real time basis. The collected information goes a long way to ensure effective maintenance of the device.

### Seamless communication

Every OCEO device is connected to LIVE servers on a real time. The inbuilt seamless GSM connectivity feature allows for engaged interaction between devices and users. The dataflow helps us monitor devices both on Micro (Individual Households) and Macro Level (Town/City).

### Convenience and sustainability

OCEO device connectivity facilitates automatic re-ordering and delivery of fresh cartridges whenever required based on individual usage. It also covers the sustainability element by replacing the need for repeat purchase of bottled water.



## PURIFICATION PROCESS

OCEO smart water purifier features a multiple stage filtration process to produce bottled quality water right at your place. Our filters are manufactured through high precision injection moldings process from certified food grade plastic and contain filter media of premium quality. Our products are compliant for food and beverage contact and comply, meet or exceed all current and applicable standards without exception.



### 6 Stage RO Process

Stage 1: Polypropylene Filtration

Stage 2: Activated Carbon Filtration

Stage 3: Ultra Filtration

Stage 4: Reverse Osmosis Filtration

Stage 5: Silver Impregnated Carbon Filter

Stage 6: H<sub>2</sub>O Mineralisation

### 3 Stages UF Process

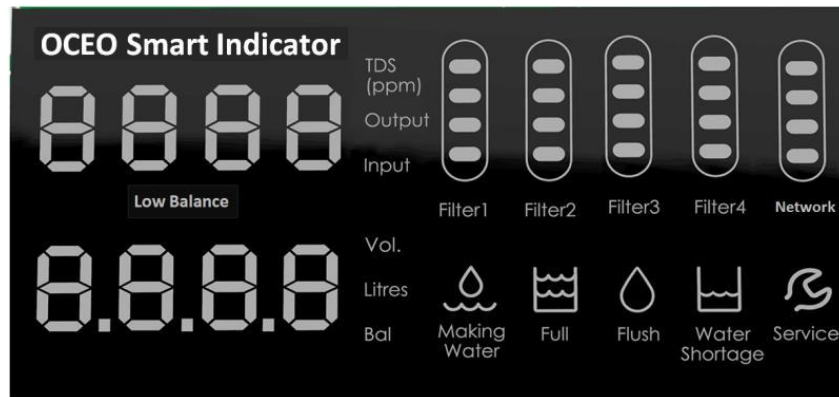
Stage 1: Polypropylene Filtration

Stage 2: Activated Carbon Filtration

Stage 3: Ultra Filtration

## OCEO SMART INDICATOR

OCEO Smart Indicator displays 14 vital parameters of the device to the USER on a real time basis.



### Parameters Monitored

Input Water Quality in terms of TDS (in PPM)

Output Water Quality in terms of TDS (in PPM)

Volume of Water Litres (Credits) available on the device

Low Balance (Water Credits) indicator

Filter 1 Status (Poly Propylene + Activated Carbon)

Filter 2 Status (Ultra Filtration)

Filter 3 Status (Reverse Osmosis)

Filter 4 Status (Silver Impregnated Carbon + Mineralizer)

Network (GSM Connectivity Status)

Making Water - Machine Working Status

Full Tank - When the storage tank is full

Flush - When Back flush takes place

Water Shortage - When Input Water Supply is ZERO

Service Mode - When Filter is due for maintenance or services are down

## SUCCESS JOURNEY - OCEO

Our product idea has received a tremendous response from many sections of the society due to our unique value proposition.

## RECOGNITIONS FOR OCEO



- **OCEO** was awarded by Hon Indian Prime Minister Shri Narendra Modi & Israeli Prime Minister Mr. Benjamin Netanyahu as a winner for the *India-Israel Innovation Challenge* for *Innovative and affordable solutions that produce potable drinking water* in India. The Challenge is organised by Government of India & Government of Israel.
- **OCEO** has been selected as Top Ideas in The Economic Times Power of Ideas 2017 Competition.
- **OCEO** was selected as TOP Tech30 startups at Techsparks 2017, Organised by Yourstory.
- **OCEO** won the best product design awards at Nasscom Product Conclave for Design4India.

## SIGNIFICANT MENTION IN REPORTS

- OCEO was also featured in Global Market Research Report of Water Purifier Brands - <https://goo.gl/pB7oUe>. It is validation for our technology + Business Innovation that OCEO is published alongside with market leaders in the water purification business across the globe.
- OCEO is now case study at the University of St. Gallen (Switzerland), the University of Kassel (Germany) and the Swiss Federal Institute of Aquatic Science and Technology (Switzerland)

## OCEO Digital Transformation in Water Sector

OCEO digital solutions have the power to optimize today's operations and is redesigning the traditional water purification business model.

We are one of those early companies who are advocating and utilizing the real power of IoT. Digital has the power to engage operational efficiencies, improve service levels and reliability, and map water quality data for social good. OCEO digital transformation is fundamentally shifting the entire water purification industry as we know it today.

Our system automatically alert customers within minutes of a leak or a major repair and keep them in the know till resolution. We continuously adapt machine learning in remote monitoring to assure safety in every water drop and improve remote asset maintenance.

With OCEO, now everyone can measure, monitor and maintain drinking water needs in an intelligent, sustainable and cost effective way. With our rapid increase in consumer base in a short time span, OCEO is heading towards become a household name for Safe Drinking Water.