

Operating a modern manufacturing or processing plant means navigating complex, real-time reporting standards set by environmental authorities. A single undetected sensor drift or network interruption can lead to compliance flags, operational halts, or heavy penalties.

We built our OCEMS to solve these exact pain points. Engineered specifically for harsh effluents and sewage treatment plants, our systems combine self-cleaning optical probes, intuitive user interface and direct portal integration.

Our **Online Continuous Effluent Monitoring System (OCEMS)** delivers 24/7 high-accuracy measurement, automated data telemetry, and seamless integration with CPCB/SPCB regulatory portals.



ASTERO SCAN RTM

|                   |                               |
|-------------------|-------------------------------|
| Overall Size      | 300(H) x 400(V) x 150(D)      |
| Enclosure         | ABS weatherproof IP 65        |
| Display           | 20 X 4 Graphical display      |
| Data Connectivity | 4G/LTE                        |
| Measuring Method  | Dual wavelength UV absorption |
| Uptime            | > 98% operational reliability |
| Programming       | Through keypad                |

All dimensions are in mm.  
H- horizontal, V- vertical

We offer tailored configuration designed to monitor both effluent and sewage liquid discharge with laboratory-grade accuracy. Keep tabs on your wastewater quality before it leaves your facility.

WHY CHOOSE OUR OCEMS SOLUTION

- **REAL TIME DATA TELEMTRY** seamlessly transmits tamper-proof data to CPCB/SPCB server and your internal dashboards via secure cloud server
- **INSTANT SMART ALERT** Receive email notifications immediately when a parameter approaches its threshold,allowing you to take corrective action before a violation occurs
- **BUILT FOR HARSH ENVIRONMENT** Features ruggedized, weatherproof enclosures, anti-fouling sensor coatings, and automatic self-cleaning mechanisms for minimal maintenance
- **INTUITIVE USER INTERFACE** Graphical display & keypadfor easy navigation & settings
- **HIGH DATA AVAILABILITY** Equipped with local data logging storage to ensure no data is lost during internet or power outages\*

SINGLE UNIT FOR MEASURING MULTIPLE PARAMETER LIKE

- BOD (Range: 0 to 100ppm)
- COD (Range: 0 to 500 ppm)
- TSS (Range: 0 to 100 ppm)
- TDS (Range: 100 to 2500 ppm)
- pH (Range: 0 to 14)
- TURBIDITY (0 to 200 NTU)
- ORP (-1000 to +1000 mV)
- FLOW & VOLUME



Sensor with Sensor Holder

Rev 23.07.27

\* PROVISION HAS BEEN INCORPORATED FOR OPTIONAL UPLOAD OF RELEVANT DATA AND COMPLIANCE RECORDS ON THE CPCB/SPCB PORTAL, WHEREVER APPLICABLE

Available with