

PROCON AG – Orbisphere Services Ozone



Orbisphere 410/510



Orbisphere 3660



Orbisphere 3600



Orbisphere 26506



Orbisphere 31xxx.xx



Orbisphere C11xx

Calibration Verification

- Sensor calibration check to ensure reliability since the last calibration
- Checking of the entire measurement system as proof of accuracy of previous measurement data
- Evaluation of the sensor condition with the aim of minimising costly downtimes

Final Calibration

- As proof of quality before final decommissioning of water treatment plants
- As proof of quality before replacement of old or functionality limited measuring devices

Commissioning

- We install new equipment according to customer requirements. All services are fully documented according to IQ/OQ and provide excellent assurance of equipment quality
- Complete communication and signal control from the device to visualization, monitoring or supervision

Reference measurement with approved reference device

- For checking / certifying measurement results
- As redundant measurement for process-critical systems

Reference measurement photometer

- Photometric reference measurement according to the DPD method for checking the measured ozone value
- Reference measurement for failure analysis and diagnostics
- Verification of compliance with the measurement accuracy
- Measurement of the ozone level of the installation
- Verification of the calibration

Maintenance Standard / Professional

- During standard maintenance, we record all important information about the measuring system
- Temperature check with a certified measuring device
- Pressure verification with a certified measuring device
- As found Calibration Verification
- Sensor Maintenance
- Calibration
- Sensor activation by ozone generator for fast and accurate response after maintenance
- Photometric verification (Professional package)

Sensor maintenance

- Disassembly of the sensor
- Cleaning of the sensor surfaces
- Polishing of the gold cathode
- Electrochemical cleaning of anode / guard / cathode
- Replacement of membranes / membrane head / O-rings / protective cap

