



# RDO<sup>®</sup> Blue

## Optical Dissolved Oxygen Monitoring

Optical Dissolved Oxygen Sensor Ideal for Both  
Handheld Use and Long-Term Deployment

# Deployment Configurations

Connect RDO Blue with transmitters, controllers, dataloggers and telemetry for long-term, continuous monitoring of DO conditions. Pair RDO Blue with VuLink for a complete remote monitoring solution.



- View field data from the comfort of your home or office.
- Get a comprehensive look at multiple sites in HydroVu.
- Set customized alarms for critical site conditions.

## RDO Blue: Stripped and Tinned

- Instrument only
  - 3m cable #0038620
  - 10m cable #0038630

## Handheld Configuration

Use TROLL Com Plus to connect RDO Blue to your smartphone or tablet for access to the VuSitu mobile app. Collect spot-check data, view and graph live readings, perform calibrations and more—all from your mobile device.



View, share and store all your data in one central location with VuSitu HydroVu Cloud Connection. The VuSitu mobile app securely and automatically uploads files to HydroVu for convenient data access, management and communication.



## RDO Blue: Twist-Lock Termination

- Instrument only
  - 3m cable #0103200
  - 10m cable #0038640
- Handheld bundle
  - RDO Blue, 3m cable, TROLL Com Plus, lanyard #1030110
  - RDO Blue, 10m cable, TROLL Com Plus, lanyard #1030100

## RDO Blue: A Versatile Solution

Get the accuracy and reliability of Rugged Dissolved Oxygen (RDO) technology in the configuration that best meets your needs.

- Ideal for spot checks and long-term deployments
- Suitable for freshwater or saltwater
- Low-maintenance and affordable
- Compatible with In-Situ's shared ecosystem





## Patented RDO Technology

### Minimal Maintenance, Optimal Performance

Renowned for its reliability, accuracy and durability, In-Situ's Patented RDO technology has gained wide acceptance as the premier technology for optical measurement of DO.

RDO technology lends RDO Blue the following features for reliable data with minimal maintenance.

- Smart Sensor Cap automatically stores calibration coefficients.
- Abrasion-Resistant Foil protects the cap to extend sensor life.
- Our EPA-Approved optical measurement method delivers accurate data.
- Modbus Smart Addressing enables easy system integration.
- Ryton construction with internal potting creates a solid core for chemical resistance and enhanced reliability.



Fort Collins, Colorado

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1-800-446-7488

1-970-498-1500 (U.S. and International)

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[www.in-situ.com/rdo-blue](http://www.in-situ.com/rdo-blue)