

ODOA - 3360

ONLINE DISSOLVE OXYGEN ANALYZER



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► **Product Introduction**

Dissolve Oxygen monitoring of water from waterworks, water quality monitoring of municipal pipeline network; industrial process water quality monitoring, circulating cooling water, activated carbon filter effluent, membrane filtration effluent, etc.

►► **Function**

Online multi parameter water quality monitoring control instrument, multi sensor the single transmitter.

►► **Typical use**

This instrument is widely used in online monitoring of water supply, tap water, washing film water, disinfection water, pool water, and other industrial process

►► **Mains Supply**

85-265 VAC +/-10%, 50 +/- 1Hz, Power ≤ 3W;

9-36 VDC power consumption ≤3W

►► **Features**

- Large display, standard 485 communications, with online and offline alarm, 98*98*130mm meter size. 92.5*92.5 mm hole size, large screen display.
- Historical Curve: The residual chlorine measurement data can be stored automatically every 5 minutes, and the parameters value can be stored continuously for a month. Provide standard solution calibration and field calibration.
- Built in various measurement functions. one machine with multiple functions.
- Meeting the requirement of various measurement
- The design of the whole machine is waterproof and dustproof. and the back cover of the connection terminal is added to extend the service life in harsh environments.
- Panel/wall/pipe Installation. three option available to meet various industrial installation requirements.
- Same interface displays, input value, temperature, current value, etc.
- Password protection to prevent non-staff error operation



►► Electrical connection

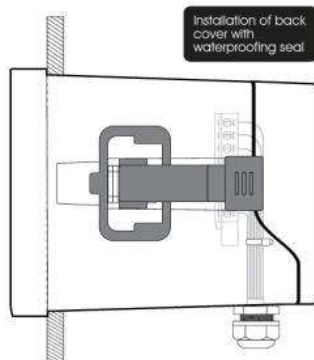
All the connection from the Instrument, the power supply, output signal, relay alarm contact and the sensor are connected within the transmitter. the length of the lead wire for the fixed electrode is usually 5 -10 meter, proper label and colour on the sensor are mentioned to connect to the transmitter which are to be connected and tighten.

►► Instrument Installation Method

Embedded installation

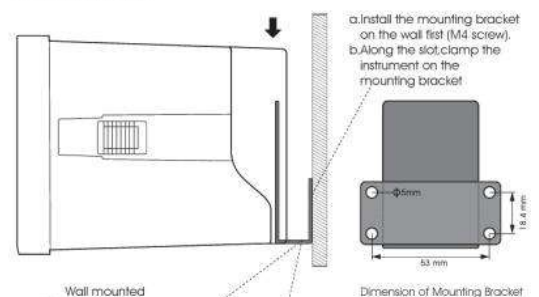


Embedded mounting Cut-out size

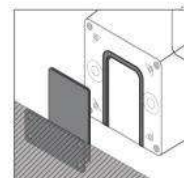


Embedded the instrument into the square hole, and fix it with the provided clasp.

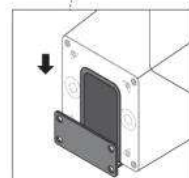
Wall mounted installation



Wall mounted installation diagram



Fixed bracket (M4 screw) is installed on the wall first.



Insert the instrument into the fixture along the chute

►► Technical Specification

Type	Multi parameter (up to 4 Sensors at a time)
Resolution	0.001 mg/l; 0.001PPM (Based on parameters)
Basic Error	± 1% F.S
Temperature	- 10 - 150 ⁰ C (Based On Sensor)
Temperature Resolution	0.01 ⁰ C
Temperature Basic Error	± 0.3 ⁰ C
Current Output	2 group: 4 - 20 ma
Other Functions	Data record & Curve Display
Relay Function	Three relay control Contacts, 2 groups: 5A 250V AC, 5A 30 VDC
Signal output	RS485 Modbus RTU
Optional Power Supply	85 - 265 V AC, 9 - 36VDC, Power Consumption < 3W
Working Conditions	No strong magnetic field interference around expect geomagneticfield
Working Temperature	- 10 ⁰ C– 60 ⁰ C
Relative Humidity	≤ 90 %
Electrical Rating	IP65
Weight	0.6 Kg
Dimension	98x98x130mm
Installation Opening size	92.5 x 92.5mm
Mounting	Panel/Wall/Pipe

►► Digital Dissolve oxygen sensor – Specifications

Measuring Mode	fluorescence method
Housing Material	POM + Stainless steel
Waterproof Rating	IP68
Measuring Range	0-20mg/L
Accuracy	±1%F.S
Pressure Range	≤0.3Mpa
Temperature Compensation	NTC10K
Temperature Range	0-50-C
Calibration	Anaerobic Water Calibration and Air Calibration
Connection Methods	4 core cable
Cable Length	Standard 10m cable, can be extended
Installation Thread	NPT3/4"
Application	General application, river, lake drink water, environment protection, etc

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HPLC Servicing :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

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AMC's/CMC :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

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Counter



Optical Emission
Spectrophotometer



DSC/TGA



Semi Auto Bio
Chemistry Analyzer



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Analyzer



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Reader/Washer



URINOVA 2800
Urine Analyzer



Total Organic
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Analyzer



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Size Analyzer



Ion Chromatograph



Water purification
system

Regulatory compliances



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Analytical
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