



## Online Dissolved Oxygen Meter



DOG-3082B



DOG-3082



DOG-2092

Model	DOG-3082B	DOG-3082	DOG-2092
Measure range	0-100µg/L; 0-20mg/L; 0-60‰		0-20mg/L
Temperature compensation	0-60°C		
Resolution	0.1µg/L; 0.01mg/L; 0.1°C		0.01mg/L; 0.1°C
Accuracy	µg/L: ±1.0%FS mg/L: ±0.5%FS Temp: ±0.5°C		±1.5%FS
Communication interface	RS485 (Optional)		
Output signal	0-10mA(load<1.5kΩ) 4-20mA(load<750Ω)	0-10mA(load<1.5kΩ) 4-20mA(load<750Ω) (double-current output for option)	4-20mA (double-current output for option)
Alarm relay	AC 220V, 3A		Max. 230V, 5A(AC); Min. 115V, 10A(AC)
Power supply	AC 220V±22V, 50Hz±1Hz	AC 220V±10%, 50Hz±1Hz, 24VDC (Optional) (85-265V)	AC 220V±10%, 50Hz±1Hz
Protection grade	IP65	IP65 ( aluminium shell)	IP54
Overall dimension	220x190x130mm	146x146x150mm	96x96x135mm
Dimension of the hole	None	138x138mm	92x92mm
Installation	Wall hanging	Wall hanging/ Flushbonading type	Flushbonading type
Working condition	Ambient temp: 0-60°C; Relative humidity <85%		Ambient temp: 5-45°C; Relative humidity <85%



Online Dissolved Oxygen Meter / Module---High Temp



Model	Pro 1603OXY	BD200
Dissolved oxygen	0.00-20.0mg/L / 1%FS 0.0-300% / 1%FS	0.00-20.0mg/L / 1%FS 0.0-300% / 1%FS
Temperature	0-130°C	
Temperature compensation	NTC22K, NTC30K	NTC22K
4-20mA	4.00-20.00mA/±0.1mA	
Power supply	20-253V AC/DC	24VDC (20-36VDC no positive and negative)
Calibration	Two point	
Installation model	Pipe-mount kit, Protective hood, Panel mounting kit	35mm standard rail installation
Working condition	0-60°C, related humidity <85% (without condensation)	
Guarantee period	3 years	1 year



## Portable pH / Cond / DO Meter



pH



Conductivity



DO

Model	PHS-1701	DDS-1702	DOS-1703
Measuring range:	-2.00~16.00 pH -1999~1999 mV	0.00 $\mu$ S/cm~199.9mS/cm 0.1mg/L~ 199.9g/L 0.1ppt~ 80ppt	0.0 ~ 199.9% 0.00 ~ 19.99mg/L
Resolution	0.01 pH, 1mV, 0.1 $^{\circ}$ C	1 $\mu$ S/cm; 1mS/cm 0.1 $^{\circ}$ C	0.1%, 0.01mg/L 0.1 $^{\circ}$ C
Temperature compensation range	-5.0~105 $^{\circ}$ C		0.0~60 $^{\circ}$ C
Accuracy	$\pm$ 0.01 pH	1% FS $\pm$ 0.2 $^{\circ}$ C	1% FS $\pm$ 0.2 $^{\circ}$ C
Calibration	3 points Max.	1 point	2 points Max.
Data storage	198 groups	99 groups	99 groups
Overall dimension	230mmx100mmx35 mm		
Power supply	4 x AA/LR6		



## BH-485-DO Digital Dissolved Oxygen sensor

Model	BH-485-DO
Measure range	Dissolved oxygen: 0~20.0mg/L Temperature: 0~65°C
Basic error	Dissolved oxygen: $\pm 0.30$ mg/L Temperature: $\pm 0.5$ °C
Response time	Less than 60S
Resolution	Dissolved oxygen: 0.01ppm Temperature: 0.1°C
Power supply	DC 24V
Power consumption	1W
Communication mode	RS485(Modbus RTU)
Cable length	5 meters (longer as design)
Installation	Sinking type, pipeline, circulation type etc.
Overall size	230mm×30mm
Housing material	ABS



## DOG-209FYA Optical Dissolved Oxygen sensor

Model	DOG-209FYA
Measuring range	0-20mg/L
Working temperature	-5 to 50°C
Accuracy	DO: $\pm 0.1$ mg/L Temperature: $\pm 0.2$ °C Sat. %: $\pm 1.0$ %
Response Time	30 second to 90% (T-90), 60 seconds to 100%
Current output	4-20mA
Power supply	DC 24V
Cable length	5 meters (longer as design)
Installation	Sinking type, pipeline, circulation type etc.
Features	CPVC(or PVC)/ Stainless Steel 316 body with replaceable membrane cap module. M9 male connector, IP68





## PPM Online Dissolved Oxygen Sensor



**DOG-209F**



**DOG-209FA**

Grit mesh metal membrane

### (Polarographic Principle)

Model	DOG-209F	DOG-209FA
Measure range	0-20mg/L	
Temperature	0-60°C	
Polarization time	60min	
Polarization voltage	0.7V	
Accuracy	<±0.01mg/L	
Drift	<2%/ mounth	
Zero oxygen	<0.1mg/L	
Membrane thickness	50µm	100µm
Housing material	316L stainless steel /PVC	
Output current	50-80nA / 0.1ppm (Max current is 3.5µA)	
Temperature compensation resister	PT100/PT1000/22K/2.252K/etc.	
Calibration	60 days	
Cable	5m/10m/20m	
Application	It suitable for harsh enviromnet Urban sewage treatment Industrial wastewater treatment Aquaculture Environmental monitoring	