



# DOM Series

## Online Dissolved Oxygen Meter



**DOM-100**



**DOM-200**

### FEATURES

- High accuracy:  $\pm 0.1$  pH of reading
- Medium temperature between  $-10 \sim 130$  Degree C
- Microprocessor based industrial controller used to computation of the measured pH values.
- Large LCD screen to display pH and temperature values and also system error indication.
- Automatic temperature compensation.
- Dual relays for both HI and LOW alarm control.
- Isolated 2 channel 4-20mA output and Communication interface RS485.
- 2 sets of relays , High and Low switching

### APPLICATION

- Water
- Pure Water
- Wastewater
- Chemical
- Other

### SPECIFICATIONS

MODEL	DOM-100	DOM-200
Measuring Range	DO: 0 ~ 20 mg/L Temp: 0 ~ 100 C	
Working Condition	0~65 C	0~70 C
Resolution	0.01 mg/L	
Accuracy	$\pm 1\%$	
Output	2 Channel 4-20mA , Current output load: MAX 750 $\Omega$	
Relay	2 Relay , MAX. 230V , 10A(AC)	
Communication	RS485 Modbus RTU	
Power Supply	AC 220V $\pm 10\%$ 50Hz	
IP Protection	IP65	
Installation	Panel mounted / Wall mounted	
Dimension	96 x 96 x 135 mm	144 x 144 x 115 mm

# DOM Series

## Online DO Sensor



**DOG-209FA**

### DOG-209FA DO Sensor (Wastewater)

Measuring Range	DO: 0 ~ 20mg/L Temp: -5 ~ 50 C
Accuracy	± 0.1 mg/L
Membrane Thickness	100 um
Temperature Comp	PT1000
Minimum flow rate	2.5cm/s
Body Material	UPVC and SS316L
Process Connection	Top and Bottom NPT Pipe Thread
Cable	Low-Noise Cable



**DOG-208F (PPB)**

### DOG-208F DO Sensor (PPB)

Measuring Range	DO: 0 ~ 100ug/L Temp: 0 ~ 60 C
Accuracy	± 1ppb
Membrane	Silicone rubber permeable
Temperature Comp	PT1000
Body Material	SS316L
Electrolyte	KCL
Calibration	60 days
Cable	Low-Noise Cable



**DOG-208FA (High Temp)**

### DOG-208FA DO Sensor (High Temp)

Measuring Range	DO: 0 ~ 100ug/L 0 ~ 20mg/L Temp: 0 ~ 130 C
Accuracy	± 0.1 ppb
Membrane	Silicone rubber permeable
Temperature Comp	PT1000
Body Material	SS316L
Electrolyte	KCL
Calibration	60 days
Cable	Low-Noise Cable