

PDO6000



## Applications:

Instruments are used in effluent treatment, surface water, electroplate, electron, chemical industry, pharmacy, food production process, brewery, sea farming etc.

## Features:

- ※ Suitable for outdoor use (IP65 rating)
- ※ Large dot matrix LCD display for easy operation
- ※ CE certified
- ※ Two current outputs, they can smooth the output current
- ※ Automatic temperature compensation
- ※ 2 standard relays with delay feature
- ※ 1 multi function relay
- ※ RS485 communication using MODBUS RTU protocol
- ※ 500,000 sets of data can be internally recorded
- ※ Calendar feature, Built-in self-test for the current and relay outputs

## Specifications

Functions	%sat	ppm mg/L
Measuring range	0.0 to 200.0	0.0 to 20.0
Resolution	0.1	0.01
Accuracy	±0.2	±0.02
Temp. compensation	NTC	
Temp. range	0.0 to +50.0°C	
Temp. compensation rang	0.0 to +50.0°C	
Temp. resolution	0.1°C	
Temp. accuracy	±0.2°C	
Pressure range	0 to 2100 mBar	
Salinity range	0.00 to 50.00 ppt	
Reading refresh	5-60 second	
Ambient temperature range	0 to +70°C	
Storage temp.	-20 to +70°C	
Display	Back light, dot matrix	
DO current output1	Isolated, 4 to 20mA output, max. load 500Ω	

Temp. current output 2	Isolated, 4 to 20mA output, max. load 500Ω
Current output accuracy	±0.05 mA
RS485	Modbus RTU protocol
Baud rate	9600/19200/38400
Maximum relay contacts capacity	5A/250VAC, 5A/30VDC
Cleaning setting	ON: 1 to 1000 seconds, OFF: 0.1 to 1000.0 hours
One multi function relay	clean/period alarm/error alarm
Relay delay	0-120 seconds
Data logging capacity	500,000
Language selection	English/traditional Chinese/simplified Chinese
Waterproof grade	IP65
Power supply	From 90 to 260 VAC, power consumption < 5 watts
Installation	panel/wall/pipe installation
Instrument size	144mm X 144mm X 105mm (H/W/D)
Cutout size	138mm X 138mm
Weight	0.8 5Kg