

## Advanced Digital Meter

# ODEON Classic

## ODO<sup>®</sup> Optical Dissolved Oxygen Meter



- **Optical Technology** : No Calibration, no membrane – Reduced maintenance
- **High capacity Memory** : 100 000 points
- **Field instrument** : Robust and Watertight
- **Digital probes** : Plug and Play with autodiagnostic
- **Easy to use** : Large backlight 4" screen with intuitive menus
- **2 years warranty**

*Have confidence in yours DO readings!*



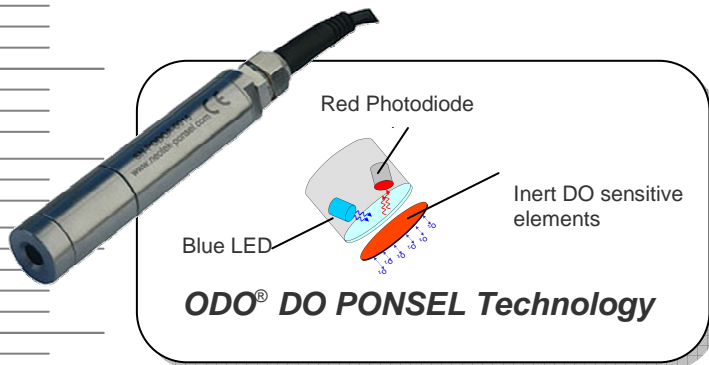
You measure the Oxygen every second or one a month: The ODO<sup>®</sup> Dissolved Oxygen Meter ODEON has been made for you !

Developed according requirements of all extrem situations where oxygen monitoring is essential, especially in wastewater, aquaculture, drinking water and low oxygen applications.

Thanks to the digital plug and play probe and ODEON autodiagnostic tools, you have confidence in the displayed value. Displayed status warn you when calibration or caps replace are required.

The large backlighted graphic display and intuitive menu provide you an extrem simplicity of use.

Thanks to low power technology and high memory inside, your instrument has no limits



Clic-Loc<sup>™</sup> Plug  
Watertight connectors

Large 4' 320 x 240 backlighted screen

Only 5 buttons to navigate

IP67 Watertight and  
Robust Box

<b>ODEON Classic</b>	
Data Memory	100 000 points (with sample ID, User ID, date and time..)
Data Management	GLP compliance
ID (sample, campaign, user)	Alphanumeric, 15 words max, 20 users ID max
Reading/Recording	3 modes : Manual, interval,continuous
Sensor status Indicator	Yes
Autodiagnostic	Yes
Display	Large backlighted graphic LCD 4' display, 240 x 320. Automatic switch in economic mode. With date, time, user and sample user, °C, status, pressure. Simultaneous display of 2 parameters (mg/L and/or % SAT)
Power supply	4 AA batteries or chargeable batteries (battery charger needed)
Autonomy	2000 hours with standard batteries (in economic mode)
Interfaces	USB - 1 RS 485 interface to DO probe – External 12 V battery -Charger
Box	PC/ABS
Dimension - Weight	196 x 121x 30 - 400 g
Protection	Outdoor instrument, IP 67, Watertight
Operate temperature	- 10 to + 60°C
Storage temperature	- 25 to + 65°C
Operate hydrometry	> 80%
Warranty	2 years
<b>ODO Dissolved Oxygen / Temperature Probe</b>	
Cable length	3 m
Dimension, Weight, Material	Dx L : 25 x 146 mm, 450 g (with 3 m cable), Inox
Probe communication	Modbus RS 485
Compatibility	Water (wastewater, seawater, naturalwater...), Ethanol, Methanol
DO Range	0,00 – 20,00 mg/L _ 0 – 200% SAT
Resolution	0,1 mg/L – 1% SAT
Accuracy	± 0,1 %
Compensation	Pressure, temp, salinity (Mode : Off, Manual, Automatic)
No cross sensitivity	pH 1 -14, CO2, H2S, SO2
Operate temperature	-10°C – 60°C
Drift (at 100% SAT)	< 5% within 30 000 000 sampling
Calibration	5 points data (calibration data supplied with a new caps). Possibility of manual calibration
Storage stability	2 years (in the dark, -10°C – 60°C)
Warranty	2 years for the probe, 1 year for the caps
<b>Standard Package</b>	
Meter /datalogger	ODEON Classic with 4 alcaline batteries
Probe	ODO Dissolved Oxygen Probe with 3 meter cable
Case	Outdoor case, plastic case, shockproof, lightweight; for 2 probes, PC cable, Charger and and 4 bottles of standard solution(125 ml)
Software	Wintek light + PC cable
<b>Accessories/options</b>	
Software	Wintek Universal software + PC USB cable
Rechargeable option	Rechargeable batteries + charger
External power supply	Cable for External battery
Cable	7, 15 m (other on demand)