



## ▶ DO8500 PORTABLE DISSOLVED OXYGEN METER

### Durable and robust structure design

The DO8500 meter has a robust design and an IP57 rating that allows it to be used in harsh environmental conditions, it has automatic temperature and salinity compensation, a large backlit LCD display with simultaneous dissolved oxygen and temperature readings.

The equipment is supplied in a carrying case with the dissolved oxygen sensor (KZD011) and conductivity probe (KZD014) with 3 meters of connecting cable, OD sensor calibration case, combination electrode junction, USB connecting cable, PC-Link Communication software, water conservation sponge, batteries and user manual.

Accessories: 10-meter optical sensor for DO8500 meter (KZD012); 10-meter salinity probe for DO8500 (KZD015); luminescent cover for optical sensor (KZD013)

### Smart features

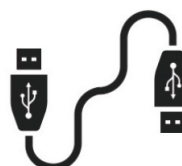
It has advanced digital processing technology, supporting stable reading modes and automatic display lock. It has data storage capacity of up to 500 data sets with time and date, and USB connector for automatic data transfer.

It is suitable for agriculture, aquaculture, drinking water and waste water treatment, environmental monitoring, oenology or brewing.



### Complete kit

Supplied with carrying case, dissolved oxygen sensor, conductivity probe, calibration sleeve, combination electrode junction, USB connector cable, software, water conservation sponge, batteries and user manual



### USB data connection

PC connectivity via USB connection



## ▶ DO8500 PORTABLE DISSOLVED OXYGEN METER - Technical features

<b>Code</b>	KZB004
<b>Model</b>	DO8500
<b>Dissolved oxygen</b>	
Range	0-200 %; 0 – 20.0 mg/L
Resolution	0.1/1 %, 0.01/0.1 mg/L (ppm)
Accuracy	±2% reading or ±2% saturation; ±2% reading or ±0.2 mg/L (ppm)
Response time	< 30 s (25°C, 90% response)
Calibration	Zero oxygen y oxygen saturation
Temp. compensation	Automatic, 0 to 50°C
Pressure compensation	Automatic, 60 to 120 kPa
Salinity compentation	Automatic or manual, 0 to 45 ppt
<b>Temperature</b>	
Range	0 to 50 °C
Resolution	0.1 °C
Accuracy	± 0.5 °C
<b>Data storage</b>	500 data set
<b>Data output</b>	USB
<b>Date and time</b>	Yes
<b>Power supply</b>	AA x 3

## ▶ DO8500 PORTABLE DISSOLVED OXYGEN METER - Latest generation optical OD sensor



The DO8500 portable dissolved oxygen meter uses a state-of-the-art optical luminescent sensor with many features that make it stand out from traditional dissolved oxygen sensors.

- Minimal maintenance required. No preparation or maintenance solutions are required.
- Quick and easy to calibrate, although it is not necessary to do so before each use.
- No membrane, no electrolyte. This makes its useful life longer (more than 8000 hours of useful life)
- The special coating of the luminescent cover makes it anti-interference and is not affected by light or chemicals
- A calibration cap is included, allowing it to be calibrated and stored in saturated air.
- The electrode does not consume oxygen. It has a fast response time (15 sec), so that readings are stable.