

portable dissolved oxygen meter  
MARK® 303 M

Dissolved oxygen concentration (DOC) and aqueous solutions temperature measuring.  
BOD evaluation. Laboratory and field applications.

| NEW Sensor |



**Convenience and accuracy of measurement |**

Automatic temperature and barometric pressure compensation.  
Automatic calibration against atmospheric oxygen.

**IP65** | Dust and moisture protected.

**Scratchpad** | Up to 500 records.

**USB port and related software** | Creation and management of data archive at PC.

**Backlit graphical LCD** | Convenient indication format, handling ease.

**Easy calibration against air** |

**Maintenance minimum** | Membrane replacement max. once per year. Sensor storage in the air.

**Long-term sensor** | Lifetime of the sensor is min. 10 years.

**Low power consumption** | Up to 600 hours of uninterrupted operation, powered by set of AA batteries.

**Designed for field measurements** | DOC monitoring at the depth of up to 20 m.

**Self-check** | Additional assurance of the instrument precised operation.

WARRANTY

12

months



**specification**

	Measuring range	Resolution	Accuracy
DOC, ppm	0–20	0,0001	±(0,05 + 4%*A)
DOC, saturation %	0–200	0,01	±(0,6 + 4%*A)
Temperature, °C	0–50	0,1	±0,3
A – measured value			
	Converting unit	Sensor	
Dimensions, mm	65*130*28	ø 16*142 ø 10*110 <sup>1</sup>	
Weight, g	120	50	
<sup>1</sup> immersible section for BOD vial			
Port	USB		
Power supply	2 batteries, type AA 2 rechargeable batteries, type AA 220 V mains supply (via the power supply unit)		

**environment requirements**

Temperature, °C	0–50
Water flow rate across the sensor membrane, cm/sec, min	5
Pressure, MPa, max	0,3

ORDERING DATA

**basic kit**

Converting unit  
DO sensor with 5 m cable  
Electrolyte  
A kit of chemical agents for preparation of null-solution  
DO sensor spare parts kit  
2 batteries, type AA  
PC communication cable  
Operation manual

**optionally**

Cable up to 20 m  
Power supply unit  
Rechargeable batteries, type AA