VZOR LLC, Nizhny Novgorod
Russia, POB 80, 603000
+7 (831) 229 65 30
+7 (831) 229 65 50
market@vzor.nnov.ru
www.vzornn.com

ANALYTICAL INSTRUMENTS
VZOR
for power engineering and ecology

PORTABLE DISSOLVED OXYGEN METER

MARK® 303 E

Is a portable meter for measuring dissolved oxygen concentration, DO saturation and temperature of water and aqueous solutions.

- **Convenience and accuracy of measurement, minimum maintenance**
  Automatic barometric pressure compensation.
  Automatic temperature compensation.
  Automatic one-point calibration in air.
- **IP65**
  Compact waterproof handheld meter allows use in dirty and wet environment.
- **Scratchpad**
  Non-volatile memory up to 500 data points.
- **USB port and related software**
- **Graphic LCD display with backlight**
  Easy input of all parameters by keypad.
- **Long-lived sensor**
  Lifetime of the oxygen sensor is min. 10 years.
- **Low power consumption**
  Battery lifespan up to 600 hours of work.
- **Designed for field measurements**
  Measurement of DO concentration at a depth of 20 meters.
- **Introspection system**

SPECIFICATION

	Measuring range	Resolution	Accuracy
DO concentration, ppm	0–20	0,0001	±(0,05 + 4% of measured value)
Saturation, %	0–200	0,01	±(0,7 + 4% of measured value)
Temperature, °C	0–50*	0,1	±0,3

*automatic temperature compensation range

	Converting unit	Sensor
Dimensions, mm	65*130*28	⌀ 14*115 ⌀ 10*80 [1]
Weight, g	120	100

[1] submersible part

Port	USB
Power supply	battery type AA – 2 pcs.

ENVIRONMENT REQUIREMENTS

Temperature, °C	0–50
Water flow rate across the sensor membrane, sm/sec, min.	5
Ambient overpressure, bar, max.	2

order information

WARRANTY
12
months

BASIC KIT

Converting unit
DO sensor
with 5 meter cable
Electrolyte
Spare parts kit
Battery type AA – 2 pcs.
Operation manual

OPTIONALLY

20 meter cable