

COMBO WATER METER



IP67 Handheld ODO/pH/EC/TDS/SALT/Temp. Meter 86032

- Optical dissolved oxygen (ODO) probe provides fast & accurate result, even in low oxygen ranges, and is unaffected by acid gases
- ODO probe requires no polarization time and minimal maintenance, making it highly efficient and reliable
- Big LCD with multiple parameters simultaneously:
Dissolved oxygen, PH, Conductivity or TDS or Salinity & Temp.
- Individually replaceable probes minimize overall costs
- Impact-resistant caps on all probes to enhance durability
- Manually altitude/salinity compensation for D.O. reading
- Multiple points calibration. ODO:2, EC/TDS/SALT: 3, pH:3



Auto Power Off



Auto Temp. Compensation



Memory Recall



Manual Logging



Metric/Imperial



Low Battery



IP67



Ordering Code

VZ86032AZ0, 86032 meter only
 VZ86032AZ1, 86032 meter +ODO probe
 VZ86032AZ2, 86032 meter +pH+EC probe
 VZ86032AZ3, 86032 meter +pH+EC+ODO probe
 VZ86023PAZ, 3M long ODO probe
 VZ86023PAZ1, 3M extension cable for ODO probe
 VZ863PAZ, 3M long low ion pH probe
 VZ833PAZ, 3M long EC probe

Model	86032
pH range/resolution	2.00~12.00/resolution :0.01
pH accuracy	+/-0.1
Cond. range	0~199.9, 0~1999uS/cm, 0~19.99, 0~150.0mS/cm
Cond. accuracy	+/-1% F.S +/- 1 digit
Cond. resolution	0.1uS/cm, 1uS/cm, 0.01mS/cm, 0.1mS/cm
TDS. Range (f is TDS factor)	0~199.9*f, 0~1999*f ppm, 0~19.99*f, 0~150.0*f ppt
TDS. Accuracy/res.	+/-1% F.S +/- 1 digit; res.:0.1, 1ppm;0.01, 0.1ppt
TDS Factor	0.30~1.00
Salinity range	0~10.00ppt; 10.0~42.0ppt(SEA WATER)
Salinity accuracy/res.	+/-1% F.S +/- 1 digit; res.: 0.01 ppt, 0.1ppt
D.O. range	0.0~199.9% (0.0~20.0mg/L)
D.O. Accuracy/res.	+/-3% of F.S. ; res.: 0.1
Temp. range	-5~60.0°C (For DO probe, up to 50.0 °C only)
Temp. Accuracy/res.	+/-0.5°C ; 0.1
Compatible probe	pH probe, EC probe and OD.O probe Could be used on one same meter at the same time
LCD size(mm)	32.5(H)x54(W)
Operating temp. & RH%	0~50°C, Humidity<80%
Storage temp. & RH%	0~60°C, Humidity < 90%
Dimension(mm)	169(L)x78.3(W)x43.4(H)
Weight	200g
Battery	4PCS AAA Batteries
Response time	<30 seconds for D.O., <90 seconds for others.
Sensor life time (with good maintenance)	>1 year for D.O. & EC, > 6 months for pH
Standard Package	Meter/Manual/Carry case/Battery
Standard Probe	3M long PH probe w/ 4, 7, 10 buffer 3M Cond. Probe w/ 1413uS buffer 3M long ODO Probe Cable organizer clips

Optional accessory

3M long ODO probe extension cable w/dual end IP67 connector
 (Total cable length can be extended to 6 meters long)



In short, optical probes are modern, low-maintenance, and durable, while chemical probes are traditional, cost-effective, but require more upkeep.

	Optical D.O	Electrochemistry D.O
Low O ₂ consumption	🏆	
Not affected by acid gas	🏆	
No polarization time	🏆	
Low maintenance	🏆	
Response time		🏆

Optical dissolved oxygen (D.O.) probes are widely used across various industries:



**Wastewater Treatment
Power Generation**



**Aquaculture
Environmental Monitoring**



**Food and Beverage Industry
Pharmaceutical and Biotech**

Measuring water pH and conductivity is also essential for above industries. Furthermore, pH and conductivity is measured in more industries, particularly where water quality affects processes, safety, or product quality.



Chemical Manufacturing



Agriculture and Irrigation



Electronics and Semiconductor