

Dissolved Oxygen Meters



Dissolved Oxygen Tracer

Order Code 1761

- Oxygen level displayed as % Saturation from 0 to 200.0% or Concentration from 0 to 20.00 ppm (mg/L)
- Adjustable Altitude Compensation (0-20,000 ft in 1,000 ft increments)
- Adjustable Salinity Compensation from 0 to 50 ppt
- Memory stores up to 25 data sets with DO and Temperature reading
- Self-calibration on power up; Data, Hold, Auto power off, Low battery indicator
- Waterproof to IP67
- Optional 3 ft [1m] or 16 ft [5m] extension cable; complete with DO electrode, protective sensor cap, spare membrane cap, electrolyte, four 1.5V CR-2032 batteries, and 48" [1.2m] neckstrap

IP67
 WATERPROOF

	Range	Resolution	Accuracy
DO [sat. mode]	0 to 200.0%	0.1%	±2% FS
DO [conc. mode]	0 to 20.00 ppm [mg/L]	0.01 ppm [mg/L]	0.4 ppm [mg/L]
Temp.	32 to 122°F [0 to 50°C]	0.1°F/°C	±1.8°F [1°C]
Dimensions	1.4x6.9x1.6" [36x176x41mm]		
Weight	3.8 oz [110g]		

Accessories

- DO Membrane Kit, 6 screw-on membranes and solution [Order Code 1761M]
- DO Sensor Module [Order Code 1762]
- 3 ft. Cable [Order Code 1763]
- 16 ft. Cable [Order Code 1764]

Dissolved Oxygen Meter

Order Code 5-0107-01

- No meter warm-up required
- Low-maintenance probe
- Key in salinity and pressure values manually
- Independent 100% and zero adjustment calibrations
- Offset adjustment capabilities
- Displays electrode diagnostics
- Easily toggle from mg/L [ppm] or % saturation to temperature mode



	Range	Resolution	Accuracy
mg/L [ppm]	0.00 to 20.00 mg/L [ppm]	0.01 mg/L [ppm]	±1.5% FS
% Saturation	0.0 to 200.0%	0.1%	±1.5% FS
Temp.	-5.0 to 105.0°C	0.1°C	±0.5°F
Salinity correction	0.0 to 50.0 ppt	0.1 ppt	Method: Key in manually or automatic correction
Barometric pressure correction	500 to 1499 mm Hg	1 mm Hg	Method: Key in manually or automatic correction
Temperature compensation	Automatic from 0 to 50°C		
Operating temperature	0 to 50°C		
Probe	Galvanic, 3 ft. probe cable		
Power	Four 1.5 V AAA batteries (included), >700 hrs continuous use		
Dimensions	5.5"L x 2.7"W x 1.3"H		
Weight	1.0 lb [0.45 kg]		

Accessories

- Replacement Probe [Order Code 5-0129]
- Replacement Membrane Package including electrolyte solution [Order Code 5-0137]

LaMotte pH, CON, TDS Meters

- Push button operation
- Up to five point calibration
- Temperature readout
- Automatic Temperature Compensation
- Auto-off after 17 minutes; Hold function
- Buffer recognition (pH 5 meter)
- Adjustable conductivity to TDS factor (TDS 6 meter)

Microprocessors have enabled meter manufacturers to combine many features into smaller designs with better accuracy. The 5 and 6 Series meters are good examples [see specifications below]. All meters include electrodes and temperature probes, and are available with or without a carrying case.

- The pH 5 without case includes pH 4, 7 and 10 buffer tablets.
- The pH 5 with case includes pH 4, 7 and 10 buffer liquids.
- The TDS 6 and Con 6 with carrying cases include two calibration standards.
- All meters have two-year warranties.



Model	pH 5 [pH]	pH 5 [Temperature]	CON 6 Meter [Conductivity]	TDS 6 Meter [TDS]	CON 6 & TDS 6 Meters [Temperature]
Order Code	w/out case 5-0034-01 with case 5-0035-01		w/out case 5-0038-02 with case 5-0039-02	w/out case 5-0036-02 with case 5-0037-02	
Replacement Probe	pH Probe Order Code 1904	Temperature Probe Order Code 5-0041	CON/TDS Probe Order Code 5-0106		
Range:	0.00 to 14.00 pH	0.0 to 100.0°C	0.0 to 20.00, 200, 2,000.0 μ S 0 to 20.00, 200.0 mS	0.0 to 10.00, 100.0, 1000 ppm, 1.0 to 10.00, 100.0, 200 ppt	-10.0 to 110.0°C
Resolution:	0.01 pH	0.1°C	0.01, 0.1, 1 μ S 0.01, 0.1 mS	0.01, 0.1, 1.0 ppm 0.01, 0.1 ppt	0.1°C
Accuracy:	\pm 0.01 pH	\pm 0.5°C	\pm 1% full scale or \pm 1 digit	\pm 1% full scale	\pm 0.5°C
Calibration:	Up to 5 Buffer Values	Offset 0.1°C increments	up to 5 points [1 per range] for multi-point calibration; or 1 point for single point for entire range		Offset 0.1°C increments
Temperature Compensation:	Automatic Temperature Compensation (ATC)		Automatic Temperature Compensation (ATC) fixed 2% per °C factor, adjustable 73%		
Power:	Four AAA alkaline batteries [supplied]; >70 hours continuous use		Four AA alkaline batteries [supplied] >100 hours continuous use		
Display:	Single Custom LCD		Single Custom LCD		
Auto shut-off:	After 17 minutes		After 17 minutes		
Operating Temperature:	32 to 122°F; 0 to 50°C		32 to 122°F; 0 to 50°C		

pHPLUS Direct Digital pH/ISE Meter

pHPLUS DIRECT Meter

Laboratory precision in a water-resistant design! Read pH, mV/R.mV, temperature, and concentration with accuracy – ISEs read concentration in ppm. Easy-to-use in any test mode. Includes pH probe, temperature probe, buffers and rubber boot with stand.



Specifications

pH

Range:	0.00 to 14.00
Resolution:	0.01
Accuracy:	0.01
Calibration:	Up to 5 points
Electrode:	Epoxy, Ag/AgCl

Temperature

Range:	0 to 100°C
Resolution:	0.1°C
Accuracy:	±0.1°C

Concentration

Range:	0.00 to 100
Resolution:	± LSD
Accuracy:	±0.5% or ±1 LSD

mV/R.mV

Range:	±500mV
Accuracy:	±1 mV
Resolution:	1 mV
Calibration:	Up to 5 points
Inputs:	1 BNC, Temp probe, power, ref. pin

Power: 4 AAA batteries

Size [LxWxH]: 2.75W x 5.75H x 1.375D in.

pHPLUS DIRECT Meter

Code	Description
5-1936-01	pHPLUS DIRECT Meter, liquid buffers (4, 7, 10) w/case
1904	pH Electrode, gel-filled
1909	Temperature Probe

Optional ISE Electrodes*

Although the pHPLUS Direct reads directly in ppm, an initial calibration is required. The standard solution, replacement electrolyte, ionic strength adjuster and pipet are included in the Accessory Kit. The ammonia accessory kit also contains replacement membranes.

Ion Selective Electrodes

Code	Description
5-0043	Ammonia
5-0048	Fluoride
5-0052	Nitrate

Accessory Kits

Code	Description
5-0098	Ammonia
5-0099	Fluoride
5-0100	Nitrate

***Accessory Kit required to calibrate the ISE.**