Teky's Tips

Which technology is right for me?

Galvanic cells

Pros: No warm-up time; more stable and accurate at low DO levels than polarographic probes

Cons: Oxygen is consumed during measurement; requires flowing or stirred samples; periodic probe maintenance and recalibration; cells eventually wear out

Polarographic cells

Pros: Longer overall lifetime than galvanic cells

Cons: Warm-up time prior to measurement; oxygen is consumed during measurement; requires flowing or stirred samples; frequent probe maintenance and recalibration

Optical

Pros: Better stability; non-consumptive method; infrequent probe maintenance and recalibration

Cons: Use of optical technology is still not approved for some applications

Oakton® Zero Oxygen Solutions

Maximize your meter accuracy

- Ensure accuracy—tested using Winkler method for better results
- Manufactured according to the APHA and ASTM formulation with high-purity, oxygen-free water

OAKTON®

Description	Size	Catalog number	Price
Oakton zero oxygen solution	500 mL bottle	GH-00653-00	
Zero oxygen sachets	Pack of 10	GH-53024-53	

LaMotte® Dissolved Oxygen Test Kit

Don't miss a measurement

- Inexpensive backup in case of meter failure
- Test samples or calibrate meters using Winkler titration method
- Enough for up to 50 tests
- Eliminate nitrate interference with azide modification

Description	Range	Resolution	Catalog number	Price
Dissolved oxygen test kit	0 to 10 ppm	0.2 ppm	GH-53003-00	
Dissolved oxygen reagent refill			GH-53003-05	

Oakton® DO 6+ Dissolved Oxygen Meter

High accuracy without a high price

- No warm-up time required
- No need to hold meter—protective rubber boot is also a stand
- Low-maintenance, galvanic probe
- Choose display—ppm or mg/L

Six simple buttons for freezing measurements, toggling between units and temperature results, setup, calibration, and automatic barometric and salinity compensation. View electrode slope, zero offset, and millivolt values for electrode diagnostics.

Meter includes: electrolyte solution, membrane cap, protective rubber boot/stand, and four AAA batteries.

Kit adds: two membrane caps, solution bottles, rinse bottle, and hard plastic carrying case.

Protective boot also functions as a stand.

OAKTON®

Save time, save money!

Choose Precalibrated
Includes a data-rich, ISO 17025 certificate—**no additional charge!**
Precalibrated by INNOCAL® INNOVATIVE CALIBRATION SOLUTIONS

ISO 9001:2008 CERTIFIED SUPPLIER

CE

3 YEAR WARRANTY Meter only

Specifications

Mode	mg/L (ppm)	% O_2 saturation	Temperature (°C)
Range	0.00 to 20.00	0.0 to 200.0	0.0 to 50.0
Resolution	0.01	0.1	0.1
Accuracy	±1.5% full-scale	±1.5% full-scale	±0.5

Temperature compensation: automatic from 0 to 50°C

Salinity compensation: Manual input, automatic correction
Range: 0.0 to 50.0 ppt
Resolution: 0.1 ppt

Barometric pressure compensation: Manual input, automatic correction
Range: 500 to 1499 mm Hg
Resolution: 1 mm Hg

Memory: none

Power: four AAA batteries (included)

Description	Meter		Precalibrated meter	
	Catalog number	Price	Catalog number	Price
DO 6+ meter only	GH-35643-10		GH-35643-11	
DO 6+ meter with probe 35642-50	GH-35643-12		GH-35643-13	
DO 6+ meter kit	GH-35643-14		GH-35643-15	

GH-35642-50 **Replacement DO probe** with 3-ft (0.9-m) cable
GH-35642-52 **DO probe** with 10-ft (3-m) cable
GH-35642-54 **DO probe** with 30-ft (9-m) cable
GH-35642-55 **Replacement DO probe maintenance kit** includes one membrane cap and 10 mL of electrolyte solution
GH-09376-00 **Replacement batteries;** AAA. Pack of 12