



ProSolo ODO/CT

OPTICAL DISSOLVED OXYGEN, CONDUCTIVITY, AND TEMPERATURE METER



DON'T GO IT ALONE. GO SOLO.

The ProSolo DIGITAL handheld meter with ODO/CT offers exceptional affordability with unmatched durability. The user-friendly display delivers not only the industry's best DO, temperature, and conductivity data, but also calculated parameters such as salinity, specific conductance, and seawater density.

What do you get if you Go Solo?



3-year warranty on handheld, 2-year warranty on probe/cable assembly and ODO sensor cap



Highly-accurate ODO[®] sensor technology with no stirring



Real-time salinity compensation of DO measurements



Rechargeable lithium-ion battery that supports a full day of sampling



a xylem brand

ProSolo OPTICAL DISSOLVED OXYGEN, CONDUCTIVITY, AND TEMPERATURE METER

SPECIFICATIONS W145-01



WE KNOW
D.O.

ProSolo Specifications

| | |
|-----------------------|---|
| Dimensions | 8.3 cm width x 21.6 cm length x 5.6 cm depth; 567 g (with battery) |
| Power | Rechargeable lithium-ion battery pack provides ~48 hours with the handheld only; Battery recharge time is ~ 9 hours with the AC power adapter; The instrument can also be powered via AC or external power through the USB port |
| Operating Temperature | 0 to 50°C |
| Storage Temperature | 0 to 45°C with battery installed; 0 to 60°C without battery installed |
| Display | Color, LCD graphic display; 3.9 cm width x 6.5 cm height |
| Memory | >100,000 data sets |
| Barometer | Range: 375 to 825 mmHg; Units: mmHg, inHg, mbar, psi, kPa, atm Accuracy: ±1.5 mmHg from 0 to 50°C; Resolution: 0.1 mmHg |
| Sites and Data ID | 100 user-defined sites and 100 user-defined data ID tags; Site pictures can be sent to the handheld via KorDSS Software |
| Calibration Records | 400 detailed calibration records can be stored and are available to view, download, and print (printing only available via KorDSS Software) |
| Languages | English, Spanish, German, French, Italian, Norwegian, Portuguese, Japanese, Chinese (Simplified & Traditional), Korean, Thai |
| Certifications | CEC, CE; RoHS; IP-67; WEEE; FCC; UN Part III, Section 38.3, Test methods for lithium-ion batteries (Class 9) |
| Warranty | 3 years on handheld |

ODO/CT Specifications

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|---|--|
| Size | 2.46 cm diameter, cable options for 1, 4, 10, 20, 30, 50, and 100 m lengths |
| Dissolved Oxygen (Optical luminescence) Units: % saturation, % saturation local, mg/L, ppm | Range: 0 to 500%, 0 to 50 mg/L; Accuracy: 0 to 200%: ±1% of reading or 1% saturation, whichever is greater; 200 to 500%: ±8% of reading; 0 to 20 mg/L: ±0.1 mg/L or 1% of reading, whichever is greater; 20 to 50 mg/L: ±8% of reading Resolution: 0.01 mg/L and 0.1%, or 0.1 mg/L and 1% (auto-adjusts based on range) |
| Temperature (Thermistor) Units: °C, °F, K | Range: -5 to 70°C (temperature compensation range for DO mg/L measurement: -5 to 50°C); Accuracy: ±0.2°C; Resolution: 0.1°C or 0.1°F (auto-adjusts based on range) |
| Conductivity (Four nickel electrode cell) Units: µS/cm, mS/cm | Range: 0 to 200 mS/cm; Accuracy: 0 to 100 mS/cm ±0.5% of reading or .001 mS/cm, whichever is greater; 100 to 200 mS/cm ±1.0% of reading; Resolution: 0.001, 0.01, or 0.1 µS (range dependent) |
| Salinity (See YSI.com for additional calculated parameters) Units: µS/cm, mS/cm | Range: 0 to 70 ppt Accuracy: ±1.0% of reading or ±0.1 ppt, whichever is greater Resolution: 0.01 ppt |
| Warranty | 2 years on cable, probe, and ODO sensor cap |

xylem
Let's Solve Water

| | | |
|---|--|--|
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ProSolo ODO/T

OPTICAL DISSOLVED OXYGEN AND TEMPERATURE METER



DON'T GO IT ALONE. GO SOLO.

The ProSolo DIGITAL handheld meter is designed for use with YSI's latest Optical Dissolved Oxygen and Temperature (ODO/T) probes as well as legacy ProODO and ProOBOD probes.

Combining an extremely durable, user-friendly display with the most advanced DO technology, ProSolo stands alone as the industry's best dissolved oxygen meter at an exceptionally affordable price.

What do you get if you Go Solo?



3-year warranty on handheld, 2-year warranty on probe/cable assembly and ODO sensor cap



Highly-accurate ODO[®] sensor technology with no stirring



Rechargeable lithium-ion battery that supports a full day of sampling



a xylem brand

ProSolo OPTICAL DISSOLVED OXYGEN AND TEMPERATURE METER

SPECIFICATIONS W144-01



WE KNOW
D.O.

ProSolo Specifications

| | |
|-----------------------|---|
| Dimensions | 8.3 cm width x 21.6 cm length x 5.6 cm depth; 567 g (with battery) |
| Power | Rechargeable lithium-ion battery pack provides ~48 hours with the handheld only; Battery recharge time is ~ 9 hours with the AC power adapter; The instrument can also be powered via AC or external power through the USB port |
| Operating Temperature | 0 to 50°C |
| Storage Temperature | 0 to 45°C with battery installed; 0 to 60°C without battery installed |
| Display | Color, LCD graphic display; 3.9 cm width x 6.5 cm height |
| Memory | >100,000 data sets |
| Barometer | Range: 375 to 825 mmHg; Units: mmHg, inHg, mbar, psi, kPa, atm Accuracy: ±1.5 mmHg from 0 to 50°C; Resolution: 0.1 mmHg |
| Sites and Data ID | 100 user-defined sites and 100 user-defined data ID tags; Site pictures can be sent to the handheld via KorDSS Software |
| Calibration Records | 400 detailed calibration records can be stored and are available to view, download, and print (printing only available via KorDSS Software) |
| Languages | English, Spanish, German, French, Italian, Norwegian, Portuguese, Japanese, Chinese (Simplified & Traditional), Korean, Thai |
| Certifications | CEC, CE; RoHS; IP-67; WEEE; FCC; UN Part III, Section 38.3, Test methods for lithium-ion batteries (Class 9) |
| Warranty | 3 years on handheld |

ODO/T Specifications

| | |
|---|---|
| Size | 2.46 cm diameter, cable options for 1, 4, 10, 20, 30, 50, and 100 m lengths |
| Dissolved Oxygen (Optical luminescence) Units: % saturation, % saturation local, mg/L, ppm | Range: 0 to 500%, 0 to 50 mg/L; Accuracy: 0 to 200%: ±1% of reading or 1% saturation, whichever is greater; 200 to 500%: ±8% of reading; 0 to 20 mg/L: ±0.1 mg/L or 1% of reading, whichever is greater; 20 to 50 mg/L: ±8% of reading; Resolution: 0.01 mg/L and 0.1%, or 0.1 mg/L and 1% (auto-adjusts based on range) |
| Temperature (Thermistor) Units: °C, °F, K | Range: -5 to 70°C (temperature compensation range for DO mg/L measurement: -5 to 50°C); Accuracy: ±0.2°C; Resolution: 0.1°C or 0.1°F (auto-adjusts based on range) |
| Warranty | 2 years on cable, probe, and ODO sensor cap |

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