

YSI ProDSS ODO/CT Kits

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Choose from 8 ProDSS ODO/CT kits. Kits include a ProDSS handheld with or without GPS, as well as an ODO/CT probe and cable assembly with cable lengths up to 20 meters. The ODO/CT probe and cable assembly features integral (i.e. built-in) optical dissolved oxygen, conductivity, and temperature sensors.

Overview

The following ProDSS ODO/CT kits are available:

627100: Includes a ProDSS handheld with GPS and a 1 meter ODO/CT probe and cable assembly.

627101: Includes a ProDSS handheld with GPS and a 4 meter ODO/CT probe and cable assembly.

627102: Includes a ProDSS handheld with GPS and a 10 meter ODO/CT probe and cable assembly.

627103: Includes a ProDSS handheld with GPS and a 20 meter ODO/CT probe and cable assembly.

627104: Includes a ProDSS handheld without GPS and a 1 meter ODO/CT probe and cable assembly.

627105: Includes a ProDSS handheld without GPS and a 4 meter ODO/CT probe and cable assembly.

627106: Includes a ProDSS handheld without GPS and a 10 meter ODO/CT probe and cable assembly.

627107: Includes a ProDSS handheld without GPS and a 20 meter ODO/CT probe and cable assembly.

Parameters

Dissolved Oxygen (optical)
Conductivity
Temperature
Specific Conductance
Salinity
Total Dissolved Solids (TDS)
Resistivity
Seawater Density

Instrument Parameters

Barometric Pressure
GPS (Optional)



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The ProDSS handheld with an ODO/CT probe and cable assembly is ideal for measuring dissolved oxygen (DO) and conductivity in the following applications - estuary, wetland, coastal, aquaculture, or any application requiring accurate, real-time salinity-compensated DO measurements.

The ODO/CT has all the advantages of optical dissolved oxygen technology - higher accuracy, less maintenance, no stirring required for accurate measurements, holds calibration longer than membrane covered sensors and is not susceptible to interferences from other gases.

The ProDSS handheld features include:

- Color screen with graphing
- Micro USB On-The-Go connector for connecting to PC, recharging, and backing up data to USB flash drive
- Long-life, rechargeable lithium-ion battery
- Optional built-in GPS sensor
- Digital sensors are auto-recognized and displayed
- Large memory stores over 100,000 data sets and 400 GLP records. 100 user-defined sites and 100 data IDs are available for easy data management. Site images can be added to the handheld with KorDSS PC software (included).
- Backlit keypad for use in any lighting condition
- Detailed on-screen Help function
- Rubber over-molded case provides extra protection and prevents slipping; provides an IP-67 (waterproof) rating with or without battery cover

The ODO/CT probe and cable assembly features include:

- Integral (i.e. built-in) optical DO, conductivity, and temperature sensors that are auto-recognized by the ProDSS handheld, reducing instrument set-up time
- Automatically compensates DO mg/L measurements for salinity; no need to enter salinity compensation values
- Rugged Optical DO sensor cap with a 2-year warranty is pre-installed on new assemblies
- Fits in a 1 inch well
- Cable lengths up to 100 meters (up to 20 meter lengths in ProDSS ODO/CT kits)
- MS (military-spec) metal connectors - rugged, waterproof, keyed, bayonet style lock