

### When the Environment Demands It

YSI's ProDSS is the *ultimate* handheld instrument for water quality spot sampling and profiling in the most *demanding* field conditions. But why is the ProDSS so advanced and why do you need one for your field work? *Let us show you.*

- **Multiparameter** | Turbidity, depth, dissolved oxygen (optical) and many other measurements with high accuracy smart sensors
- **Smart** | Digital smart sensors are automatically enabled on the measurement screen, reducing instrument set up time; sensors retain their own calibration
- **Rugged** | Waterproof (IP-67), drop resistant handheld; titanium, laser-welded sensors available; metal, military-spec cable connectors
- **Easy-to-use** | Single cable design available in up to 100 meter lengths; universal sensor ports on cables without integral (i.e. built-in sensors); menu-driven screen navigation; built-in 'Help' function
- **Versatile** | GPS option; many cable options and cable lengths; cables available with and without integral sensors; depth option on 4 port cables
- **USB** | Built-in, waterproof micro USB for data transfer and battery charging
- **Data Management** | Create sites and/or Data IDs for easy data tagging; site pictures can be viewed on the display; stores over 100,000 data sets and 400 detailed calibration (GLP) records; powerful data management PC program (KorDSS) included
- **GPS** | Optional GPS ensures data is tied to correct location; provides additional tool for data analysis; sites can be sorted based on distance from current position
- **Advanced Display** | Color screen with backlit keypad for use in any lighting condition; view data graphically during data collection and calibration
- **Rechargeable battery** | Long-life lithium-ion battery (~ 20 hours continuous use); eliminates waste; ability to recharge in the field



### Parameters

- Dissolved Oxygen (Optical)
- Turbidity
- pH
- ORP/Redox
- Conductivity
- Specific Conductance
- Salinity
- Total Dissolved Solids (TDS)
- Resistivity
- Seawater Density
- Total Suspended Solids (TSS)
- Depth
- GPS Coordinates
- Ammonium
- Ammonia
- Chloride
- Nitrate
- Temperature
- Barometric Pressure



User-replaceable cables and smart sensors provide versatility, reduce instrument down time, and lower the overall cost of ownership.



The YSI MS (military spec), waterproof, bayonet-style keyed connectors are far superior to plastic connectors.

Want to learn more? Please visit [YSI.com/ProDSS](http://YSI.com/ProDSS)

# ProDSS

## Instrument Overview



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One cable design simplifies field sampling

Micro USB On-The-Go connector for connecting to PC, recharging, and backing up data to USB flash drive

Optional depth sensor for profiling studies\*

Long-life, rechargeable lithium-ion battery  
Optional built-in GPS sensor

Digital sensors are auto-recognized and displayed; color screen with graphing

Large memory stores over 100,000 data sets and 400 GLP records. 100 user-defined sites and 100 data IDs for easy data management

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

MS (military-spec) metal connectors - rugged, waterproof, keyed, bayonet style lock

Rugged field cable features 2-year warranty  
Up to 100 meter cable lengths available

Multiple weights can be installed at the bottom of the sensor guard

*\*Only available on 4 port cable assemblies.  
ProDSS 4 port cable and titanium sensors shown.  
Inline ODO/CT cable assembly also available.*

Universal sensor ports - accepts any 4 ProDSS sensors\*

Titanium sensors for maximum durability\*

Tel +1 937.767.7241  
800.897.4151 (US)  
info@ysi.com YSI.com



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