VAN WALT
premium products recommended by us

YSI ProDSS

The YSI ProDSS water quality meter measures water parameters including (optical) DO, pH, ORP, conductivity, temperature and (optical) turbidity.

Designed for demanding field work the YSI ProDSS is the latest, smartest, most innovative portable water quality multi-parameter instrument from the YSI fleet.

Serviced and fully supported by Van Walt

Features

- The YSI ProDSS takes the advanced technology from the EXO series to make the best handheld available.

- This handheld water quality monitoring instrument is rugged and reliable with intelligent, user-replaceable digital sensors that can be connected to any port and that are automatically recognised by the instrument and retain the calibration data.

- IP67 waterproof with rubber over-moulded case

- Durability is ensured for longevity of sampling even in the harshest field conditions.

- Data is stored on-board the instrument for downloading to a laptop on completion of the monitoring sequence

- Waterproof USB port

- Colour display

- Optional GPS

- Field replaceable sensors

- Rechargeable lithium-ion battery

- Realtime graph plotting and display

- Digital water quality instrument with smart sensors that retain calibration status

- Extensive memory allowing >100,000 data sets to be saved with site list and data ID tag information

Compatibility Options & Accessories

- Flowcell
- Sensors:
  - ProDSS Turbidity Sensor
  - ProDSS ODO Optical Dissolved Oxygen Sensor
  - ProDSS Conductivity and Temperature Sensor
  - ProDSS pH/ORP Sensor with Module
- Calibration & storage cup
- Calibration solutions

Dimensions	8.3 cm width x 21.6 cm length x 5.6 cm depth (3.25 in. x 8.5 in. x 2.21 in.)
Weight	567 grams (1.25 lbs)
Power Supply	Rechargeable lithium-ion battery pack providing ~48 hours of battery life (instrument only with backlight off)
Instrument operating temperature	0 to 50 °C (32 to 122 °F)
Display	Colour, LCD graphic display
USB port	Built-in micro USB On-The-Go port for PC connection, recharging/powering the ProDSS & connecting directly to a USB stick
Cables	Available with or without depth sensor in 1, 4, 10, 20, 30, 40, 50, 60, 70, 80, 90, and 100-meters
Sensor ports	4 universal sensor ports on each cable; can accept any ProDSS sensor
Memory	> 100000 data sets
GPS	Optional internal GPS; coordinates are stored with measurement data & site lists

Calibration solutions

- Conductivity
- pH4
- pH7
- pH10
- Redox