New Features - Multiple

language capabilities and

graphing!

Pure
Data for a
Healthy
Planet.™

A rugged, cost-effective

Multiprobe System —

designed for the field!
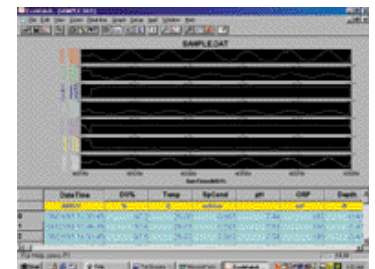
YSI 556 Multiprobe System

Versatile, multiparameter handheld instrument

Rugged and reliable, the YSI 556 MPS (Multiprobe System) combines the versatility of an easy-to-use, easy-to-read handheld unit with all the functionality of a multiparameter system.
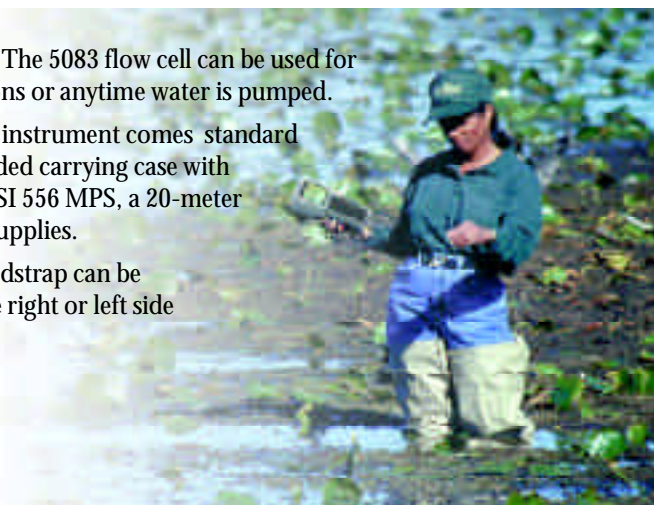
- Simultaneously measures dissolved oxygen, pH, conductivity, temperature, and ORP
- Field-replaceable electrodes
- Compatible with EcoWatch ® for Windows ® data analysis software
- Stores over 49,000 data sets, time and date stamped, interval or manual logging
- Three-year warranty on the instrument; one-year on the probes
- GLP assisting, records calibration data in memory
- Available with 4, 10, and 20 m cable lengths
- IP-67, impact-resistant, waterproof case
- Easy-to-use, screw-on cap DO membranes
- RS-232 interface for PC connection

Packed With Features!

- **Battery Options** – The unit is powered by alkaline batteries or an optional rechargeable battery pack with quick-charge feature.

- **Optional Barometer** – Internal barometer can be user-calibrated and displayed along with other data, used in dissolved oxygen calibrations, and logged to memory for tracking changes in barometric pressure.

- **Optional Flow Cell** - The 5083 flow cell can be used for groundwater applications or anytime water is pumped.

- **Carrying Case** – The instrument comes standard with YSI 5061, a soft-sided carrying case with enough space for the YSI 556 MPS, a 20-meter cable, and calibrating supplies.

- **Handstrap** - The handstrap can be connected on either the right or left side of the instrument.

EcoWatch® software screen shot

YSI 5563 MPS Sensor Specifications

Dissolved Oxygen (% saturation)	**Sensor Type**	Steady state polarographic
	Range	0 to 500% air saturation
	Accuracy	0 to 200% air saturation, ± 2% of the reading or ±2% air saturation, whichever is greater; 200 to 500% air saturation, ± 6% of the reading
	Resolution	0.1% air saturation
Dissolved Oxygen (mg/L)	**Sensor Type**	Steady state polarographic
	Range	0 to 50 mg/L
	Accuracy	0 to 20 mg/L, ± 2% of the reading or ±0.2 mg/L, whichever is greater; 20 to 50 mg/L, ± 6% of the reading
	Resolution	0.01 mg/L
Temperature	**Sensor Type**	YSI Temperature Precision™ thermistor
	Range	-5 to 45°C
	Accuracy	± 0.15°C
	Resolution	0.1°C
Conductivity	**Sensor Type**	4-electrode cell with autoranging
	Range	0 to 200 mS/cm
	Accuracy	± 0.5% of reading or ± 0.001 mS/cm; whichever is greater (4 meter cable) ± 1.0% of reading or ± 0.001 mS/cm; whichever is greater (20 meter cable)
	Resolution	0.001 mS/cm to 0.1 mS/cm (range-dependent)
Salinity	**Sensor Type**	Calculated from conductivity and temperature
	Range	0 to 70 ppt
	Accuracy	± 1.0% of reading or ±0.1 ppt, whichever is greater
	Resolution	0.01 ppt
pH (optional)	**Sensor Type**	Glass combination electrode
	Range	0 to 14 units
	Accuracy	±0.2 units
	Resolution	0.01 units
ORP (optional)	**Sensor Type**	Platinum button
	Range	-999 to +999 mV
	Accuracy	± 20 mV
	Resolution	0.1 mV
Total Dissolved Solids (TDS)	**Sensor Type**	Calculated from conductivity (variable constant, default 0.65)
	Range	0 to 100 g/L
	Resolution	4 digits
Barometer (optional)	**Range**	500 to 800 mm Hg
	Accuracy	± 3 mm Hg within ± 15°C temperature range from calibration point
	Resolution	0.1 mm Hg

YSI 556 Instrument Specifications

Size	11.9 cm width x 22.9 cm lenth (4.7 in. x 9 in.)
Weight with batteries	2.1 lbs. (916 grams)
Power	4 alkaline C-cells; optional rechargeable pack
Cables	4, 10, and 20 m (13.1, 32.8, 65.6 ft.) lengths
Warranty	3-year for the instrument; 1-year for the probes and cable
Communication Port	RS-232 Serial
Data Logger	49,000 Data sets with date and time stamp, manual or logging, with user-selectable save rate

Order instrument, cable, and accessories separately.

556-01	Instrument (with 5061 large, soft-sided carrying case)
556-02	Instrument with barometer option
5563-4	4 m cable and DO/temp/conductivity
5563-10	10 m cable and DO/temp/conductivity
5563-20	20 m cable and DO/temp/conductivity
5564	pH Probe
5565	pH/ORP Probe
6118	Rechargeable battery pack kit (includes battery, adapter, charger)
614	Ultra clamp, C-clamp mount
616	Charger, cigarette lighter
4654	Tripod
5060	Small carrying case, soft-sided (fits instrument and 4 m cable)
5061	Large carrying case, soft-sided (comes with 556 standard)
5065	Form-fitted carrrier with shoulder strap
5080	Small carrying case, hard-sided (fits instrument and 4 m cable)
5083	Flow cell
5085	Hands-free harness
5094	Rechargeable battery pack kit, Europe
5095	Rechargeable battery pack kit, Australia
6081	Large carrying case, hard-sided (fits instrument and 20 m cable)
6075	EcoWatch® for Windows®

For more information on YSI's full line of products and services, as well as application notes, FAQs, troubleshooting, and more, check our information-packed website. Be sure to see the YSI 556 MPS feature page which outlines the advantages and benefits of this new technology at www.YSI.com/556MPS