



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

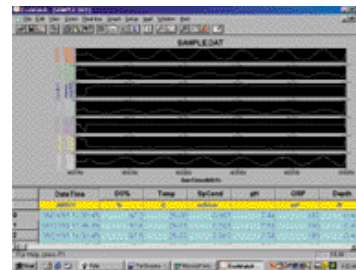
Versatile, multiparameter handheld instrument

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.

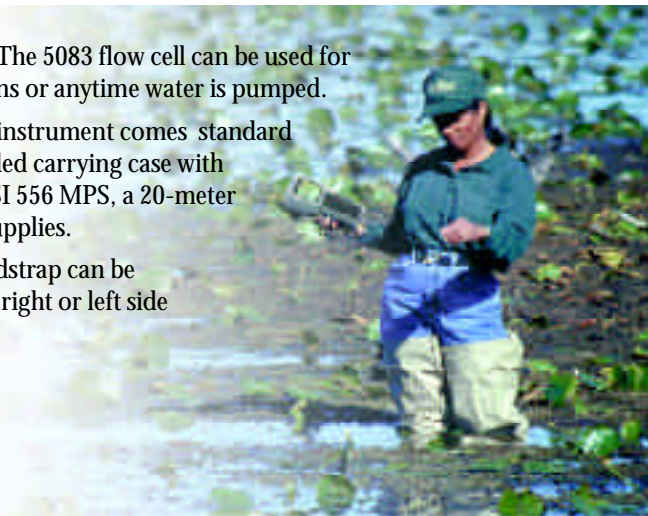
- Simultaneously measures dissolved oxygen, pH, conductivity, temperature, and ORP
- Field-replaceable electrodes
- Compatible with EcoWatch[®] for Windows[®] data analysis software
- Stores over 49,000 data sets, time and date stamped, interval or manual logging
- Three-year warranty on the instrument; 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





Pure
Data for a
Healthy
Planet.™

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ISO 14001

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YSI 5563 MPS Sensor Specifications

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

YSI 556 Instrument Specifications

| | |
|------------------------------|--|
| Size | 11.9 cm width x 22.9 cm length (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 carrier 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