

TECHNICAL DATA

Features

- Measures pH and ORP levels in water
- Manual or automatic temperature compensation (with optional ATC probe, TP-07)
- 3-point calibration ensures best accuracy
- Accepts pH/ORP Electrodes with BNC connector
- Real time datalogger with integral SD memory card (optional)
- User selectable sampling rate
- Large, easy-to-read backlit LCD display
- Data hold and Min/Max functions
- Optional PC software features live tracking via USB connection
- Tripod mount for long-term monitoring
- Low battery indicator and auto shut off
- Includes batteries

SD-230-KIT2

Data Logging pH/ORP Meter Kit

Includes:
SD-230 Data Logging
pH/ORP Meter;
ORP-14 ORP Electrode
and PE-11 pH Electrode



Specifications

Automatic Temperature Compensation (ATC)

Manual: 33.8 to 212°F (1 to 100°C)
Optional ATC Probe (TP-07): 32 to 149°F (0 to 65°C)

ORP (mV)

Measuring Range: 0-1999 mV
Accuracy: ±(0.5% +2 dgt)
Resolution: 1 mV

pH

Measuring Range: 0.00 to 14.00
Accuracy: ±(0.02 pH +2 dgt)
Resolution: 0.01 pH
pH Electrode Compatibility: Any pH electrode with BNC connector



Continued...

TECHNICAL DATA



General Specifications

| | |
|------------------------------------|--|
| Display: | Dual Display, LCD |
| Backlit Display: | Yes |
| Data Hold: | Yes |
| Min: | Yes |
| Max: | Yes |
| Datalogging Capabilities: | Yes |
| Real-Time Clock and Date Stamp: | Yes |
| Sampling Rate: | Yes (1, 2, 5, 10, 30, 60, 120, 300, 600, 1800, 3600s) |
| External Memory: | Yes, expandable up to 16Gb with SD card (optional) |
| Auto Shut-off: | Yes (after 10 minutes/off) |
| Kick Stand: | Yes |
| Tripod Mountable: | Yes |
| Low Battery Indicator: | Yes |
| Power Supply: | 6 x AA batteries or AC Adapter (optional) |
| Output: | Yes |
| Battery Life: | Sampling Time Dependent |
| PC Connectivity: | USB Cable (optional) |
| Software: | SW-U801-WIN (optional) |
| Software OS Compatibility: | Windows XP / Vista / 7 |
| Product Certifications: | CE |
| Operating Temperature: | 32 to 122°F (0 to 50°C) |
| Storage Temperature: | 14 to 140°F (-10 to 60°C) |
| Operating Humidity: | 10 to 80% |
| Dimensions: | 7 x 2.7 x 1.9" (177 x 68 x 45mm) |
| Weight: | 1.1lb (489g) |

| Model | Description |
|--------------------|---|
| SD-230 | Data Logging pH/ORP Meter |
| SD-230-KIT2 | Data Logging pH/ORP Meter Kit |
| PE-01 | pH Electrode, 130mm, 0 to 14pH |
| PE-03 | pH Electrode, 160mm, 0 to 13pH |
| PE-11 | pH Electrode, 130mm, 0 to 13pH |
| ORP-14 | ORP Electrode, 130mm |
| PH-04 | 4.0 pH Buffer Solution |
| PH-07 | 7.0 pH Buffer Solution |
| R1004 | 4pH Calibration Buffer Pouches, 20-Pack |
| R1007 | 7pH Calibration Buffer Pouches, 20-Pack |
| R1404 | Buffer Solution, 4.01 pH |
| R1407 | Buffer Solution, 7.00 pH |
| R1410 | Buffer Solution, 10.00 pH |
| R1420 | Electrode Storage Solution |
| R1425 | Electrode Cleaning Solution |
| TP-07 | ATC Temperature Probe |
| SD-4GB | 4GB SD Memory Card |
| USB-01 | USB Cable |
| SW-U801-WIN | Data Acquisition Software |
| AP-9VA-110V | AC Adapter |
| R1500 | Lightweight Tripod |
| CA-05A | Soft Carrying Case |
| SD-230-NIST | Data Logging pH/ORP Meter & NIST |