

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

pH/ORP Datalogger Kit

Includes:
SD-230 pH/ORP Datalogger,
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



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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 mins/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 CE
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:	10-80%
Dimensions:	7 x 2.7 x 1.9" (177 x 68 x 45mm)
Weight:	1.1 lb (489g)

Model	Description
SD-230	pH/ORP Datalogger
SD-230-KIT2	pH/ORP Datalogger 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
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	pH/ORP Datalogger & NIST