SD Card, real time data logger, Patent, + ORP

pH METER

Model : PH-230SD   **ISO-9001, CE, IEC1010**

LTLutron

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The Art of Measurement

pH METER

Model : PH-230SD

FEATURE

- ✓ pH : 0 to 14.00 pH, mV (ORP) : ± 1999 mV.
- ✓ pH measurement can select ATC or manual Temp. adj..
- ✓ Optional ATC probe for pH measurement.
- ✓ pH measurement can make the auto calibration for pH 7, pH 4 and pH 10 or other value.
- ✓ Real time SD memory card Datalogger, it Built-in Clock and Calendar, sampling time set from 1 sec to 8 hour 59 min. 59 sec.
- ✓ Manual datalogger is available (set the sampling time to 0), during execute the manual datalogger function, it can set the different position (location) No. (position 1 to position 99).
- ✓ Innovation and easy operation, computer is not need to setup extra software, after execute datalogger, just take away the SD card from the meter and plug in the SD card into the computer, it can down load the all the measured value with the time information (year/month/date/hour/minute /second) to the Excel directly, then user can make the further data or graphic analysis by themselves.
- ✓ SD card capacity : 1 GB to 16 GB.
- ✓ LCD with green light backlight, easy reading.
- ✓ Can default auto power off or manual power off.
- ✓ Data hold, record max. and min. reading.
- ✓ Microcomputer circuit, high accuracy.
- ✓ Power by UM3/AA (1.5 V) x 6 batteries or DC 9V adapter.
- ✓ RS232/USB PC COMPUTER interface.
- ✓ Wide applications: water conditioning, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, plating industry, quality control, school & college, water conditioning.

GENERAL SPECIFICATION

Circuit	Custom one-chip of microprocessor LSI circuit.	
Display	LCD size : 52 mm x 38 mm LCD with green backlight (ON/OFF).	
Measurement Function	pH ORP (mV)	
Datalogger Sampling Time Setting range	Auto	1 sec to 8 hour 59 min. 59 sec. @ Sampling time can set to 1 second, but memory data may loss.
	Manual	Push the data logger button once will save data one time. @ Set the sampling time to 0 second. @ Manual mode, can also select the 1 to 99 position (Location) no.
Memory Card	SD memory card. 1 GB to 16 GB.	
Advanced setting	∗ SD memory card Format ∗ Set clock time (Year/Month/Date, Hour/Minute/ Second) ∗ Set sampling time ∗ Auto power OFF management ∗ Set beep Sound ON/OFF ∗ Decimal point of SD card setting ∗ Set temperature unit to ℃ or ℉ ∗ Set pH manual Temp. compensation value	
Data Hold	Freeze the display reading.	
Memory Recall	Maximum & Minimum value.	
Sampling Time of Display	Approx. 1 second.	

PH-230SD +0909

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