



### Electrode Slot

- Easy for storage electrode.

### BNC/DIN Connector



### Housing

- Waterproof and dustproof in accordance with IP65(PH)/IP67(CON/DO).
- Multi-point auto calibration for avoiding error.
- Suitable for immensely wide range of various Laboratory / Harsh environments applications.

### Energe Saving



- Use 2 x 1.5V AA batteries.
- Low-battery indicator and easy to maintenance.



### Field Carry Case



- The field belt and other accessories help crate work station for you in the field.

### Large LCD Screen



- 43 x 70 mm large LCD screen for easy reading.

### Ring-pull Design



- Easy to carry.

## Large LCD Screen



- 100 x 74 mm large LCD screen.
- Automatically switch to MTC mode when there is no temperature probe.
- Data hold function and auto buffer recognition.

## Electrode Holder



- Measuring angle can be adjust.



## 250/550 series



- Background illumination and data transfer software by USB2.0 connect to PC.



## Built-in Battery



- Built-in rechargeable Li-battery for moving operate.
- Rechargeable battery can be connected to the USB port or power outlet for charging.



## Feature

- ※ Applications: Schools and Education institutes, Chemical laboratories, Quality assurance testing, Food science.
- ※ Large LCD display, great 120 degree angle view.
- ※ Up to 5 points calibration for avoiding error with auto-buffer-recognition calibration (PH200/PH500).
- ※ Temperature offset adjusting function.
- ※ 100 sets of data storage function(PH200/PH500).
- ※ Built-in rechargeable Li-battery with low battery indicator (Bench-top Meter).
- ※ Offset value function.
- ※ Selectable mode for antimony electrode for HF (hydrofluoric acid) application(PH200/PH500).
- ※ Stability indicator and auto data Hold/Lock function for easy reading.
- ※ Self-diagnostic message codes for easy reference (PH200/500).

PH200

PH100

PH500

PH350



Specifications	PH200	PH100	PH500	PH350
pH Range	-2.00~16.00 pH		-2.00~16.00 pH	
ORP Range	-2000~2000 mV		-2000~2000 mV	
Temperature Range	-5.0~120.0°C/ 23.0~248.0°F		-5.0~120.0°C/ 23.0~248.0°F	
Resolution	0.01pH,0.1mV(-600.0~600.0).0.1°C/0.1°F		0.01pH, 0.1mV(-600.0~600.0).0.1°C/0.1°F	
Accuracy	±0.01pH, ±0.2mV/1mV, ±0.3°C/±0.5°F		±0.01pH, ±0.2mV/1mV, ±0.3°C/±0.5°F	
Temperature Compensation	Auto / Manual		Auto / Manual	
pH Electrode	Standard pH or Antimony electrode	Standard pH	Standard pH or Antimony electrode	Standard pH
Memory	100 sets	—	100 sets	—
Auto power off	10 minutes no key is pressed		10 minutes no key is pressed	
Calibration	Auto, up to 5 points (USA/NIST option)	Auto, up to 3 points (USA/NIST option)	Auto, up to 5 points (USA/NIST option)	Auto, up to 3 points (USA/NIST option)
Power Supply	2x1.5V AA		100~240 VAC	
Ingress Protection	IP65		IP54	
Size	73x152x42mm		150x194x56mm	
Weight	250g		1.0Kg	
Electrodes / Accessories	See P.33			

# Water Measurement Meter

pH / ORP Portable & Bench-top Meter

## Feature

- ※ Applications: Schools and Education institutes, Chemical laboratories, Quality assurance testing, Food science.
- ※ Large LCD display, great 120 degree angle view.
- ※ Up to 5 points calibration for avoiding error with auto-buffer-recognition calibration.
- ※ Temperature offset adjusting function.
- ※ 100 sets of data storage function.
- ※ Beep sounds.
- ※ Built-in rechargeable Li-battery with low battery indicator (Bench-top Meter).
- ※ Electrode slope indicator.
- ※ Offset value function.
- ※ Selectable mode for antimony electrode for HF (hydrofluoric acid) application.
- ※ Stability indicator and auto data Hold/Lock function for easy reading.
- ※ Data transfer software by USB output interface.
- ※ With background illumination screen.

**PH 230**

**PH 250**

**PH550**



Specifications	PH230	PH250	PH550
pH Range	-2.00~16.00 pH		-2.00~16.00 pH
ORP Range	-2000~2000 mV		-2000~2000 mV
Temperature range	-5.0~120.0°C / 23.0~248.0°F		-5.0~120.0°C / 23.0~248.0°F
Resolution	0.01pH, 0.1mV(-600.0~600.0).0.1°C/0.1°F		0.01pH, 0.1mV(-600.0~600.0).0.1°C/0.1°F
Accuracy	±0.01pH, ±0.2mV/1mV, ±0.3°C/±0.5°F		±0.01pH, ±0.2mV/1mV, ±0.3°C/±0.5°F
Temperature compensation	Auto / Manual		Auto / Manual
pH electrode	Standard pH or Antimony electrode		Standard pH or Antimony electrode
Memory	100 sets		100 sets
Auto power off	10 minutes no key is pressed		10 minutes no key is pressed
Calibration	Auto, up to 5 points (USA/NIST option)		Auto, up to 5 points (USA/NIST option)
Communication interfaces	—	USB	USB
Power supply	2x1.5V AA		100~240 VAC
Ingress Protection	IP65		IP54
Size	73x152x42mm		150x194x56mm
Weight	250g		1.0Kg
Electrodes / Accessories	See P.33		