

Multifunction Portable Tester

Measuring object

- Model pH, Model pH5, Model pH5S=pH (Hydrogen ion concentration index).
- Model pC5=pH(Hydrogen ion), Electric conductivity, Total Dissolved Solid, Salt concentration.
- Model EC5=Electric conductivity, Total Dissolved Solid, Salt concentration.



Features


- Electrode form is selectable from standard or needle type, for wide array of uses (Except model pH1).
- Electrode is replaceable (Except model pH1).
- Red backlight lights up when alarm (Except model pH1).
- Display is clear STN LC, view angle is 180°.
- ☺ mark displays when measuring is stable.
- Measured value Holding function is equipped (Except model pH1).
- Self-examination function is equipped.
- Energy saving design, Maximum 400 hour measuring is available.
- Original case for accessory.
- IP67, lightweight and float on water.



Neck strap for accessory



Specification

Model		pH1	pH5	pH5S	PC5	EC5
pH	Range	0.00~14.00pH	-2.00~16.00pH			—
	Resolution/Repeatability	0.1pH/±0.2pH	0.01pH/±0.1pH			—
	Calibration points	1~3 (automatically recognize 5 types of standard solution)				—
ORP	Range	—	±1000mV		—	—
	Resolution/Repeatability	—	1mV/±0.2%FS		—	—
Electric conductivity	Range	—	—	—	0~200μS/cm, 0~2000μS/cm, 0~20.00mS/cm	
	Resolution	—	—	—	0.1/1μS/cm, 0.01mS/±1%FS	
	Calibration points	—	—	—	1~3	
	Temperature factor	—	—	—	0.00~4.00%/℃	
TDS	Range	—	—	—	0.0ppm~10.00ppt	
	TDS Factor setting	—	—	—	0.40~1.00	
Salt	Range	—	—	—	0~10.00ppt	
Temperature	Range	0~50.0℃				
Function	Temperature compensation	0~50.0℃				
	Alarm	○	○	○	—	—
	Sign	—	Measurement stable : ☺		Measurement hold : HOLD	
	Self-examination	—	○	○	○	○
	Battery level	Icon shows the battery level  Replace the battery when blink				
	Auto power off	Automatically power off when no operation for 8 minutes				
	Display	STN LC View angle 180°				
	Display color	—	3 colored backlight Measuring: Blue Calibrating: Green Alarm: Red			
	Water/Dust proof	IP67				
	Battery life	Maximum 400 hours			Maximum 200 hours	
Other	Power source	DC3V AAA battery ×4				
	Dimension	40×31×178mm	40×40×178mm	40×40×220mm	40×40×178mm	
	Weight	107g	133g	143g	133g	
	Case dimension	190×165×40mm	255×210×50mm			
	Case weight	438g	700g			
	Electrode model	—	pH5-E1	pH5-E2	PC5-E1	EC5-E1
	Use application	Measuring common solution		Measuring Food, Soil	Measuring common solution	

Menu setting

Model	pH1	pH5/pH5S	PC5	EC5
P1	Select standard solution	Select standard solution	Select standard solution	Automatic Hold
P2	Initialize	Low point alarm setting (0.00~14.00pH)	Select Automatic Lock	Temperature correction factor (0.00~4.00%)
P3	—	High point alarm setting (0.00~14.00pH)	Select backlight	TDS correction factor (0.40~1.00)
P4	—	Automatic Hold	Temperature correction factor (0.00~4.00%)	Select Salt concentration unit
P5	—	Select backlight	TDS correction factor (0.40~1.00)	Select temperature unit
P6	—	Select temperature unit	Select Salt concentration unit	Initialize
P7	—	Initialize	Select temperature unit	—
P8	—	—	Initialize	—

Packed items

pH1	Tester / Standard solution pH7.00 and 4.00, ×50ml / Bottle for calibration×2 / AAA Battery ×4 / Neck strap / Case
pH5	Tester / Standard solution pH7.00 and 4.00, ×50ml / Bottle for calibration×2 / 3M KCl solution 10ml ×1 / AAA Battery ×4 / Neck strap / Case
pH5S	Tester / Standard solution pH7.00 and 4.00, ×50ml / Bottle for calibration×2 / 3M KCl solution 10ml ×1 / AAA Battery ×4 / Neck strap / Case
PC5	Tester / Standard solution pH7.00 and 4.00, 1413μS and 12.88mS×50ml / Bottle for calibration ×2 / AAA Battery ×4 / Neck strap / Case
EC5	Tester / Standard sokution 1413μS and 12.88mS ×50ml / Bottle for calibration ×2 / AAA Battery ×4 / Neck strap / Case

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For inquiry