

SMART SPEAR PH TESTER KIT FOR FOOD/SOLID/VISCOUS SAMPLINGS

REF: PH60S-Z

Description

- The next-generation tester designed for seamless water test experience. Professional pH measurements for general water solutions now become easier than ever. ORP test is also available with an ORP probe (sold separately).
- Just connect the tester to your smartphone via Bluetooth in the ZenTest mobile App (Free download in iOS App Store/Google Play Store), the step-by-step smart guide will lead you to become a water test professional with just a few taps.
- Save and share your measurement and calibration data right on the palm of your hand via email. Data will never get lost thanks to the cloud-based data system.

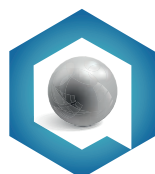


Spear sensor

 (601) 300 3161 + (57) 316 532 6905

 www.quimicompany.com.co

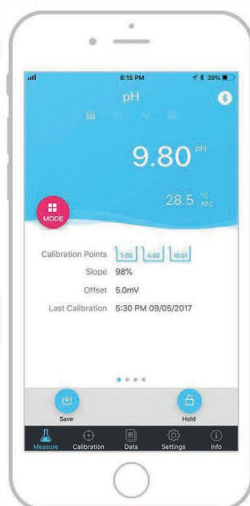
 info@quimicompany.com.co



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Four Display Modes



Simple Mode

Learn about calibration information



Dial mode

Vivid display of measuring values



Graph Mode

Showing the trend of measurements



Table Mode

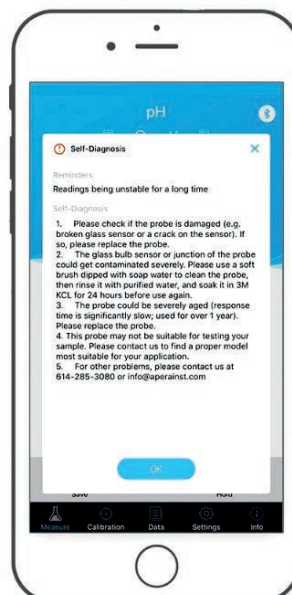
Showing real-time measuring data

Step-by-step Operation Guide

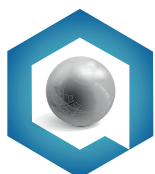


Operation guide with graphics and videos ensure you perform your water tests in a professional manner

Smart Self-Diagnosis



Effectively help you troubleshoot common problems during calibration and measurement



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Powerful Cloud-based Data Management

Data				
SN	Time/Date	Name	Measuring Value	Type
011	2018-08-16 13:36:37		0.0 ppm	
010	2018-08-16 13:36:31		0.0 ppm	
009	2018-08-16 13:36:27		8.80 pH	
008	2018-08-16 13:36:19		9.80 pH	
007	2018-08-16 13:36:15		8.80 pH	
006	2018-08-16 13:35:49		7.85 pH	
005	2018-08-16 13:35:39		0.0 uS/cm	
004	2018-08-16 13:35:18		0.0 uS/cm	
003	2018-08-16 13:34:44		8.81 pH	
002	2018-08-16 13:34:42		8.81 pH	
001	2018-08-16 13:34:38		8.80 pH	

- GPS Location
- Sample Name
- Admin Name
- Notes
- Photo

Display data sets with
specific mode by serial
numbers



Take notes on data sets
with name, memo, and a
photo

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Smart Controlling

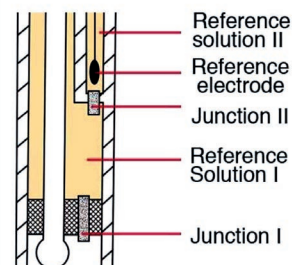


- Two-way controlling - can be used as a conventional tester without smart phones
- Smart operation reminders and self-diagnosis
- Electrode health condition reminder helps you determine when to replace the electrode
- Instant data sharing via email on your phone
- Organize datasets into different folders at ease
- Alarm function - notify you of any values exceeding your preset range
- Manual/Automatic Hold function
- Calibration reminder

Double-junction Electrode

Double-junction reference electrodes have two junctions and two reference solutions. Junction II will not contact test solutions so that junction II will not be contaminated by test solutions, which in turn maintains a stable electric potential.

Additionally, reference solution I does not contain silver ion, which can significantly reduce junction clogging.



Instrument's Functions



The probe is easy to replace, saving money in the long run



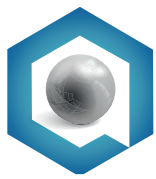
IP67 waterproof and dustproof



Easy calibration with the meter standing in the case



Powered by 4 'AAA' batteries, up to 1 000 hours of operation



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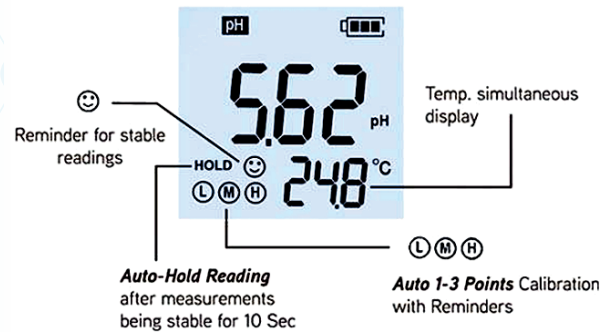
Color Backlit Display



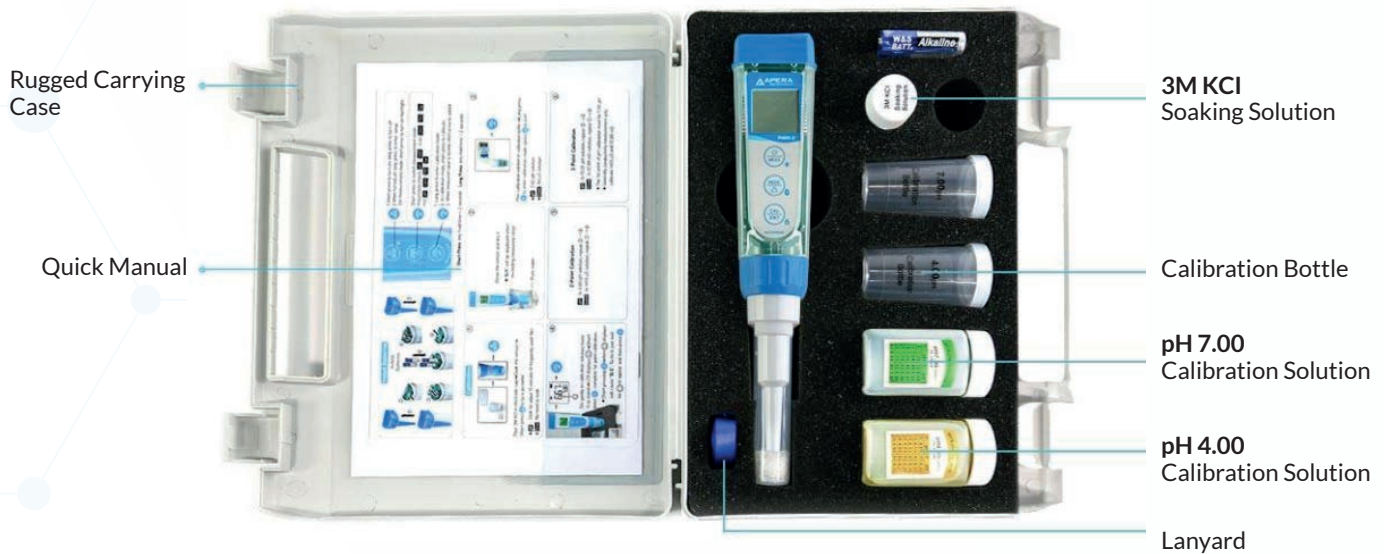
Measurement Mode

Calibration Mode

Heads-Up Mode



Complete Kit



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Technical specifications

Parameters	Model	Description
pH	Range	-2.00 to 16.00 pH
	Accuracy	±0.01 pH±1 digit
	Calibration	1 to 3 points Auto. Calibration (recognizes 5 types of standards)
mV	Range	±1000 mV
	Accuracy	±0.2% F.S
Temperature	Range	0 to 50°C (32 to 122°F)
Others	Application	Soft solid sampling
	Temp. Compensation	Automatic 0 to 50°C (32 to 122°F)
	IP Rating	IP67 Waterproof and Dustproof
	Power Supply	DC3V AAA batteries *4 (up to 1000 hours of operation)
	Compatible Probes	PH60-DE, PH60S-DE, PH60F-DE, ORP60-DE
	Alarm Function	Yes (customizable in ZenTest App)
	Automatic Hold	Yes (5 to 20 seconds, customizable in ZenTest App)
	Calibration Reminder	Yes (by hours/days, customizable in ZenTest App)
ZenTest App Functions (Bluetooth, iOS/ Android)	Four Display Modes	Yes
	Cloud Data Management	Yes
	Smart Self- Diagnosis	Yes
	Step-by-step calibration guide	Yes