



## 60-Z Series Smart Pocket Testers

pH | Conductivity | TDS | Salinity | Resistivity | ORP | Temp.

## 60-Z Series Smart Pocket Testers



- PC60-Z Smart pH/Cond. Tester
- PH60-Z Smart pH Tester
- PH60S-Z Smart Spear pH Tester
- PH60F-Z Smart Flat pH Tester
- ORP60-Z Smart ORP Tester
- EC60-Z Smart Conductivity Tester



Complete Kit

Probe Features						
Probe Model	PH60-DE	PH60F-DE	PH60S-DE	ORP60-DE	EC60-E	PC60-DE
Default Meter	PH60-Z	PH60F-Z	PH60S-Z	ORP60-Z	EC60-Z	PC60-Z
Other Compatible Meters	PH60F-Z PH60S-Z PC60-Z	PH60-Z PH60F-Z PC60-Z	PH60-Z PH60F-Z PC60-Z	PH60-Z PH60F-Z PH60S-Z PC60-Z	PC60-Z	
Probe Type	Glass Bulb	Flat sensor	Spear sensor	Platinum needle	Platinum Black	pH+Cond.
Applications	Regular water system pH Test	Surface and small volume pH Test	Soft solid sampling pH Test	ORP Test	Conductivity/TDS/Salinity Test	pH/Conductivity/TDS/Salinity Test

### Technical Specifications

Feature	Model	PC60-Z	PH60-Z	PH60S-Z	PH60F-Z	EC60-Z	ORP60-Z	
pH	Range	-2.00 to 16.00 pH					N/A	
	Accuracy	±0.01 pH ±0.01 pH					N/A	
	Calibration	1 to 3 point Auto Calibration (supports 3 types of standard)					N/A	
mV (ORP)	Range	±1000 mV					N/A	±1000 mV
	Accuracy	±0.2% F.S.					N/A	±0.2% F.S.
Conductivity (EC)	Range	0 to 20 mS/cm					0 to 20 mS/cm	
	Accuracy	±1% F.S.					±1% F.S.	±1% F.S.
	Calibration	1 to 3 point Auto Calibration					1 to 3 point Auto Calibration	
TDS	Range	0 µg/L to 10.0 µg/L					0 µg/L to 10.0 µg/L	
	TDS Factor	0.6 to 1.0					0.6 to 1.0	
Salinity	Range	0 to 100 ppt					0 to 100 ppt	
Resistivity	Range	500 to 2000 Ω·cm					500 to 2000 Ω·cm	
Temp.	Range	0 to 50°C (32 to 122°F)						
Application	Regular acid solutions	2 to 10% bleach	Flat surface & small volume liquid	Regular water solutions				
Temp. Compensation	Automatic 0 to 50°C (32 to 122°F)							
IP Rating	IP67 (Water proof) and Dustproof							
Power Supply	DCW: AAA (included) Up to 4000 hours of operation							
Compatible Probes	All	PH60-DE, PH60S-DE, PH60F-DE, ORP60-DE	EC60-DE	ORP60-DE				
Alarm Function	Yes (User configurable on Zentest App)							
Automatic Hold	Yes (5 to 20 seconds, is adjustable on Zentest App)							
Calibration Reminder	No (by functionality, customizable on Zentest App)							
Zentest App (iOS/Android)	Free display modes	Yes					Yes	
	Cloud data management	Yes					Yes	
	Send self-diagnosis	Yes					Yes	
Android	Step-by-step calibration guide	Yes					Yes	

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# ZenTest Mobile App (iOS/Android) Features

pH | Conductivity | TDS | Salinity | Resistivity | ORP | Temperature

## Four Display Modes



Press MODE to switch to different parameters

Press to enter calibration mode

Press to enter data management



**Simple Mode**  
Learn about calibration in formation  
Manual Datalogger



**Dial Mode**  
Vivid display of measuring values  
Manual Datalogger



**Graph Mode**  
Showing the trend of measurements  
Auto, Timing Datalogger



**Table Mode**  
Showing real-time measuring data  
Auto, Timing Datalogger



GPS Location  
Sample Name  
Admin Name  
Notes  
Photo

## Step-by-Step Operation Guide



## Powerful Cloud-based Data Management

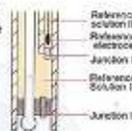
## Smart Controlling

- 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

## Features of 60-Z Series Sensors and Instruments

### 1 pH/ORP electrodes adopt double-junction structure – ideal for measuring complex or dirty solutions, and effectively extends electrode's service life

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.



### 2 pH electrodes adopt blue gel inner solution – Say goodbye to air bubbles



The inner solutions in pH electrode's glass bulbs are usually in liquid form, which could generate air bubbles from time to time when using. If not removed properly, the air bubbles could cause meter's malfunctioning. The 60-Z series pH electrodes adopt a unique blue gel inner solution, which would not flow and never generates air bubbles. The meter can function well even when being placed upside down.

### 3 Conductivity electrodes adopt firm platinum black coated sensors – accurate and durable

The platinum black coating process is the most effective method to reduce polarization of conductivity electrodes and extend the measuring range. However, the traditional platinum black coating is very soft. A slight wipe will damage the coating and cause the conductivity electrode to fail. 60-Z series conductive electrodes use a special process to make the platinum black coating firm and resistant to brushes, generating accurate performance in a wide measuring range.



### 4 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 1000 hours of operation

### 5 3-Color Backlit Display

