

PH60Z-MS pH Meter for small-volume samples



Main Features

- Ideal for measurements in small-volume samples or test tubes
- Equipped with the LabSen 246-5 ATC semi-micro pH electrode for effortless laboratory-grade pH measurements
- IP67-rated waterproof and dust-proof housing
- Smart functions such as automatic calibration, automatic temperature compensation, and heads-up function
- Incl. ready-to-use calibration solutions, storage solution, and a CalBox
- Automatic temperature compensation (ATC) (range 0-50°C)
- Accuracy: $\pm 0,01$ pH; Measuring range: -2,00 to 16,00
- Cloud-based data management functions
- free download of the ZenTest app for iOS and Android
- Meter can also be used without connecting to a smartphone

What's in the Kit

PH60-Z pH Meter	1
LabSen 246-5 ATC semi-micro pH electrode	1
Calibration solutions (pH 4,00; pH 7,00; pH10,01; 50 ml each)	1 each
3M KCl Storage Solution	1
CalBox	1
Carrying case	1

Technical Parameters

pH	Measuring range	-2,00 to 16,00
	Resolution	0,01
	Accuracy	±0,01 (±1 Digit)
	Calibration Points	1 to 3 Points
	Temp.-Compensation	0 to 50 °C (automatic)
ORP (mV)	Measuring range	± 1000 mV
	Accuracy	± 0,2 % F.S
Temperature	Measuring range	0 to 50 °C
	Accuracy	±0,5 °C
Other	Power supply	4 × AAA Batteries
	Operating time	Up to 1000 Hours
	IP rating	IP67
	Dimensions	40×40×178 mm (with case 255×210×50 mm)
	Weight	133 g (with case 700 g)
	Measurement alarm	Yes
	Various display modes	Yes
	Bluetooth range	10 meters

Technical Parameters (Electrode)

Measuring range	0 - 14 pH, 0 - 100 °C
Membrane shape	hemispherical
Membrane impedance	<350 MΩ
Body material	lead-free glass
Temperature sensor	30 kΩ NTC
Junction	Ceramic
Reference system	Long-life
Electrolyte	3M KCl
Length	150 mm
Diameter	12 mm
Connector	8-pin
Cable	1 meter