QUIMICOMPANY
EQUIPOS E INSUMOS PARA LABORATORIO

APERA INSTRUMENTS

SOIL PH PEN TESTER (GEN II)

REF: GS2

3-Color LCD Screen

- White for measurement mode
- Green for calibration mode
- Red for calibration error

Stands for stabilized reading

L/M/H stands for successful calibration: L is pH 4, M is pH 7, H is pH 10. The icon(s) will disappear after 30 days to remind you for re-calibration.

	Short Press	Long Press
HOLD	1. Power on 2. Manual hold Press again to cancel hold.	Power off
CAL TruRead	In measurement mode, press to enter TruRead mode	Start calibration
UNIT MODE	In measurement mode, press to switch to mV mode (for ORP test)	Switch between °F and °C

Probe Cap Ring

Loosen the probe cap ring before pulling out the probe cap.

Swiss LabSen® Spear Soil pH Probe

Backed by Apera's proprietary sensor technology from Switzerland, this spear pH probe is specifically designed for making soil pH test easier and more reliable.

- Impact-resistant spear glass tip, 10 times stronger than conventional glass bulb
- PTFE ring prevents a clogged junction caused by soil particles.
- Long-life reference system ensures high durability

Probe Cap

- The probe must be soaked in 3M KCL soaking solution when not in use.
- Fill in 3M KCL soaking solution to about 1/3 of the probe cap, store the probe in it, then twist on the probe cap ring.

- The Swiss LabSen® Spear soil pH probe provides accurate results with minimal maintenance in soil pH test.
- Easy to use design and quick 2-point automatic calibration with electrode condition display.
- 3-Color backlit LCD screen gives you clear readings in different modes even in dark environment.
- TruRead function available for taking measurements in multiple locations and get the most reliable result.
- The pH probe is replaceable, so you don't have to discard the entire pen when the probe reaches its end of life.

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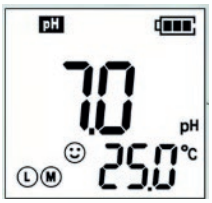
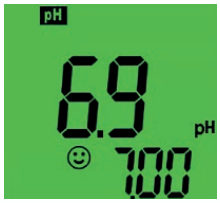
Advanced pH sensor tech

3-Color backlit LCD screen gives you clear readings in different modes even in dark environment.



Measurement mode

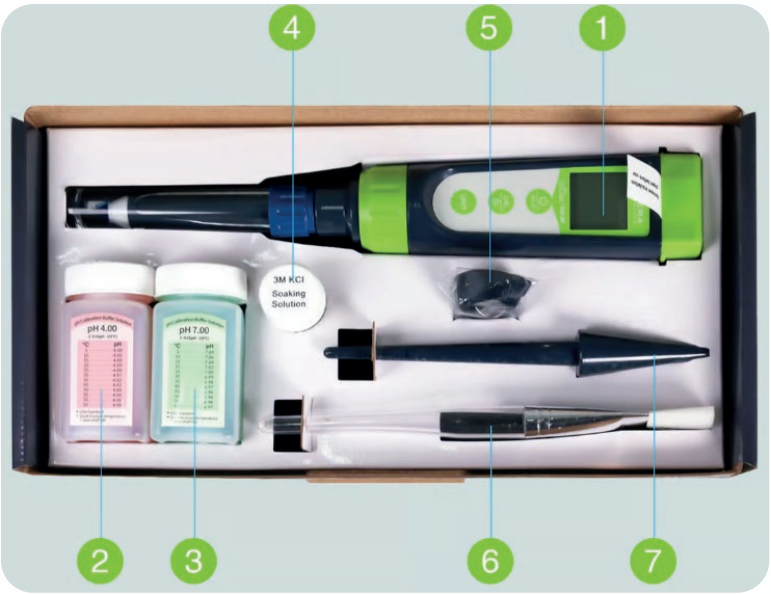


Calibration mode

Calibration error

Kit Contents

1. GS2 Premium Soil pH Pen Tester
2. 4.00 pH Solution
3. 7.00 pH Solution
4. Soaking Solution 3M KCL
5. Lanyard
6. Cleaning Brush Probe cleaning brush
7. Dibber



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Technical Specifications

Parameters	Description
Range	0.0 to 14.0 pH; 0 - 50˚C (32 - 122˚F)
Resolution	0.1 pH, 0.1˚F/0.1˚C
Accuracy	±0.1 pH; ±1˚C/±1˚F
Temp. Compensation	Automatic
Calibration	Automatic 1 to 3 points(7/4/10) (*pH 10 solution sold separately)
Unit	pH, ˚F, ˚C
Power supply	4*AAA alkaline batteries
Backlight	White (measurement); Green (calibration); Red (error)
Reading Hold	Manual
pH Probe	LabSen® Soil Spear Probe
EC Probe	N/A
ORP Probe	N/A
Wateproof Rating	IP67
What's Included	GS2 Soil pH PenTester, pH calibration buffer solution 7.00 & 4.00 (50ml each), 3M KCL soaking solution (10ml), dibber, cleaning brush, user manual, lanyard

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