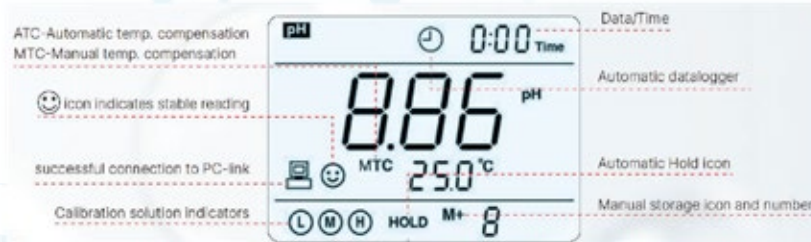


PORTABLE PH METER KIT FOR FOOD EQUIPPED WITH TITANIUM-BODY SPEAR PH ELECTRODE

REF: PH8500-SS



Large LCD screen with white backlight.



IP57 waterproof rating



USB port for data/power



Foldable holder; Use as a benchtop meter.



Electrode



PC link software for data analysis

- Quick and easy 1- to 3-point auto. calibration with slope data display and self-diagnosis
- GLP data logger with USB data output

PORTABLE PH METER KIT FOR FOOD EQUIPPED WITH TITANIUM-BODY SPEAR PH ELECTRODE

REF: PH8500-SS

Portable pH meters for special applications



PH8500-SS Portable pH Meter Kit

Designed for professional pH measurement of food samples (meat, cheese, dairy products, fruit, etc.), canning, and other semi-solids with the help of the LabSen 753 Titanium-body Spear pH Electrode. Also suitable for general water solutions.

GLP Data Logging and Data Management

Auto. or manual data logging with GLP data management (500 sets of data storage) and USB data output for further analysis and report.

Easy Calibration

Quick and easy 1 to 3 points of auto. pH calibration, recognizing pH standards of 1.68, 4.00, 7.00, 10.01, 12.45. The self-diagnosis function ensures pH calibration will be

Electrode characteristics

LabSen 753 Titanium-body Spear pH/temp. Electrode

Built with proprietary sensor technology and premium materials from Switzerland, LabSen 753 Titanium-body pH/Temp. Electrode is designed for direct test on solid samples such as cheese, fruits, dough, sushi rice, and meat products. Say good bye to slurry making.



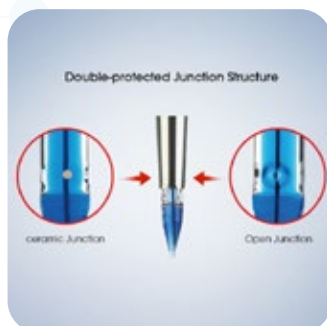
Specialized Electrolyte

Apera's proprietary blue gel inner solution does not flow at all, which means it will never generate air bubbles. The electrode can work well even when being held upside-down. It is not only more convenient to use, but also improves the measurement accuracy by eliminating heat convection in the inner glass membrane.



Double-protected Junction Structure

Open & Ceramic double-junction with Polymer electrolyte — ensures full contact with test samples while minimizing junction clogs. No need to refill electrolyte.



Long-Life Reference System

Composed of a glass tube, AgCl, and a reference silver wire. The top end of the slim glass tube is stuffed with cotton, which prevents the reaction between AgCl and electrolyte when the temperature changes. It improves the stability of reference system and extends the service life of the electrode.



PORTABLE PH METER KIT FOR FOOD EQUIPPED WITH TITANIUM-BODY SPEAR PH ELECTRODE

REF: PH8500-SS

Complete test Kit



1. User manual
2. Carrying case
3. USB cable
4. Software flash drive
5. Screw driver
6. PH8500 meter
7. pH 10.01 calibration solution
8. pH 7.00 calibration solution
9. pH 4.00 calibration solution
10. LabSen 753 pH/Temp. Electrode

Technical specifications

Parameters		Description
pH	Range	-2.00 to 16.00 pH
	Resolution	0.1/0.01 pH
	Accuracy	±0.01 pH±1 digit
	Temperature compensation	0 to 100°C (32 to 212°C), automatic or manual
	Automatic calibration	1 to 3 points
	Buffer standard	USA/NIST/Customized
	Calibration reminder	Yes
	Calibration date checking	Yes
mV	Stability setting	Yes
	Range	-1999 mV to 1999 mV
	Resolution	±0.1/1 mV
	Accuracy	±0.1% FS
Function	Display	LCD (white backlight)
	Stable measuring indication	with icon
	Automatic hold	Yes
	Date and time	Yes
	Data storage	500 sets
	Timing storage	Yes
	Self-diagnosis information	Yes
	USB output	Yes
	Electrode connection	pH: BNC; Conductivity: 4 pin connector; Temp: RCA
	IP rating	IP57 waterproof

*other specifications on the next page

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**PORTABLE PH METER KIT FOR FOOD EQUIPPED
WITH TITANIUM-BODY SPEAR PH ELECTRODE**

REF: PH8500-SS

Technical specifications

Parameters		Description
Temp.	Range	0 to 100°C, 32.0 to 212 °F
	Resolution	0.1°C, 0.1/1°F
	Accuracy	±0.5°C, ±1.0°F
Others	Power	AA battery (1.5V×3) / USB
	Dimension/weight only meter	88×170×33mm/313g
	Dimension/weight with case	360×270×76mm/1.3kg
pH Electrode (LabSen 753) Specs	Housing Material	Food grade stainless steel
	Temperature sensor	Yes
	Junction	Single Junction Ceramic
	Reference Electrode	Long-Life Reference System
	Electrolyte	Polymer
	Shape of glass membrane	Spear
	Range	0 to 14pH
	Temperature Range	0 to 80°C (32 to 176°F)
	Connector	BNC and RCA