

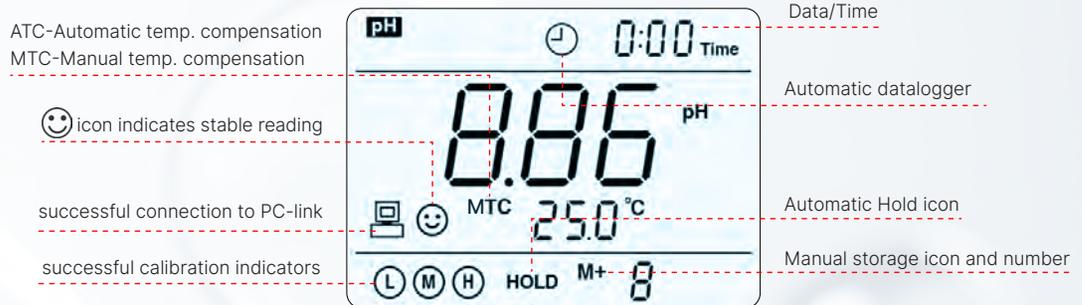
8500 Premium Series Portable Meters

- PH8500 pH Meter
- EC8500 Conductivity Meter
- PC8500 pH/Conductivity Meter



Main Features

- Simultaneous measurement of pH and conductivity/TDS/Salinity/Resistivity.
- Quick and easy 1- to 3-point auto. calibration with slope data display and self-diagnosis
- Manual/Auto. GLP data logger with USB data output



Large LCD screen with white backlight.



IP57 waterproof rating



Combo electrodes for multi-parameter test



USB port for data/power



PC link software for data analysis



Use with foldable stand

PH8500 Portable pH Meters for Specialized Applications

<p>PH8500-DP pH Meter (Liquid Food pH test)</p>  <p>Electrode: LabSen 823 ATC pH electrode Electrode Feature: Protelyte electrolyte and silver-ion-trap reference prevents junction clogs in protein-containing samples. Application: liquid food e.g. milk, yogurt, cream, sauce, jam, etc.</p>	<p>PH8500-FT pH Meter (Flat Surface Test)</p>  <p>Electrode: : LabSen 373 ATC Flat pH electrode Electrode Feature: Flat glass membrane, suitable for flat surface pH measurement. Application: skin, textiles, paper, and small-volume samples etc.</p>
<p>PH8500-MS pH Meter (Small-volume pH test)</p>  <p>Electrode: LabSen 242-6 ATC pH electrode Electrode Feature: dimension of the sensor is $\phi 6 \times 100\text{mm}$, fast-response S membrane Application: measurement for small volume samples (minimum volume: 60μL) and in test tubes.</p>	<p>PH8500-MT pH Meter (Meat pH test)</p>  <p>Electrode: LabSen 763 ATC Spear pH electrode Electrode Feature: food grade titanium sheath and blade, polymer electrolyte. Application: fresh meat, frozen meat, and meat products.</p>
<p>PH8500-PW pH Meter (Purified water pH test)</p>  <p>Electrode: LabSen 803 ATC pH electrode Electrode Feature: movable sleeve junction, and L-type membrane designed for pure water and low ion concentration water solutions. Application: drinking/distilled/RO/deionized/boiler/storm/surface water</p>	<p>PH8500-WW pH Meter (Dirty Liquid pH test)</p>  <p>Electrode: LabSen 333 ATC pH electrode Electrode Feature: Open junction+polymer electrolyte, high-resistance for contamination Application: wastewater, suspensions, suspensions, slurries, and other dirty liquids.</p>
<p>PH8500-SS pH Meter (Solid Food pH test)</p>  <p>Electrode: LabSen 753 ATC Spear pH electrode Electrode Feature: food-grade stainless steel sheath, open junction for soft-solid food samples. Application: cheese, dough, fruit, sushi rice, etc.</p>	<p>PH8500-SL pH Meter (Soil pH test)</p>  <p>Electrode: LabSen 553 ATC Spear pH electrode Electrode Feature: PVC housing, spear sensor for direct soil test. Application: soil (direct test, no slurry needed).</p>
<p>PH8500-SA pH Meter (Strong Alkalis solutions pH test)</p>  <p>Electrode: LabSen 843 ATC pH Electrode Electrode Feature: HA Glass Membrane Application: High-Precision pH measurement in strong alkaline solutions (12-14 pH) and high-salinity solutions (>5000ppm/0.5%)</p>	<p>PH8500-HT pH Meter (High-Temp Liquid and Caustic Solutions)</p>  <p>Electrode: LabSen 863 ATC pH Electrode Electrode Feature: Special PHY membrane and PTFE junction Application: High-accuracy pH measurement of corrosive and high-temp. solutions such as electroplating solutions.</p>
<p>PH8500-HF pH Meter (Strong Acid solutions pH test)</p>  <p>Electrode: LabSen 833 ATC pH Electrode Electrode Feature: Special HF glass membrane Application: solutions containing Hydro fluo-ride acid or other strong acids.</p>	<p>PH8500-BR pH Meter (Beverage Making)</p>  <p>Electrode: LabSen 213 ATC pH electrode Electrode Feature: LabSen S type hemispherical glass membrane, fast response and high robustness Application: Beverage making (beer, wine, juice, kombucha, etc.)</p>



Model	PH8500	PC8500	EC8500
Parameter	pH/mV/Temp.	pH/mV/Cond./TDS/Sal/Temp.	Cond./TDS/Sal/Temp.
pH	Range	-2.00 to 16.00 pH	/
	Resolution	0.1/0.01 pH	/
	Accuracy	±0.01 pH±1 digit	/
	Temp. Compensation	0 to 100°C (32 to 212°F), automatic or manual	/
	Automatic calibration	1 to 3 points	/
	Buffer standard series	USA/NIST/Customized	/
	Calibration reminder	Yes	/
	Calibration date checking	Yes	/
mV	Stability criterion setting	Yes	/
	Range	-1999 mV to 1999 mV	/
	Resolution	±0.1/1 mV	/
Cond.	Accuracy	±0.1% F.S	/
	Range	/	0 to 200.0 mS/cm
	Resolution	/	0.01/0.1/1 µS, 0.01/0.1 mS
	Accuracy	/	±1% F.S
	Electrode constant	/	0.1/1.0/10.0 cm ⁻¹
	Auto temp. compensation	/	0 to 50°C (32 to 122°F)
	Reference temperature	/	15 to 30°C
	Temp. compensation coefficient	/	0 to 9.99%/°C
	Calibration	/	1 to 3 points automatic
	Calibration standard series	/	Standard/Customized
	Calibration reminder	/	Yes
TDS	Calibration date checking	/	Yes
	Range	/	0 ppm to 100 ppt
Salinity	TDS conversion factor	/	0.40 to 1.00
	Range	/	0 to 100 ppt
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	
Function	Display	LCD (white backlight)	
	Stable reading indicator	with ☺ icon	
	Automatic hold	Yes	
	Date and time	Yes	
	Data storage	500 sets	
	Auto. timing data logger	Yes	
	Self-diagnosis information	Yes	
	USB output	Yes	
	Electrode Connection	pH: BNC; Conductivity: 4 pin connector; Temp: RCA	
Others	IP Rating	IP57 waterproof	
	Power	AA battery (1.5V×3) / USB	
	Dimension/weight meter only	88×170×33mm/313g	
	Dimension/weight with case	360×270×76mm/1.3kg	