

# User's Manual

## Model PH8AX Accessory Set for pH Meter

IM 12B07W03-01E

Thank you for selecting our "PH8AX Accessory Set for pH Meter".  
PH8AX accessory kit contains standard reagent and other items for calibration with standard solution.  
When using pH Meter, read the user's manual of the pH detector variously.

### Notes on Handling User's Manuals

- Please hand over the user's manuals to your end users so that they can keep the user's manuals on hand for convenient reference.
- Please read the information thoroughly before using the product.
- The purpose of these user's manuals is not to warrant that the product is well suited to any particular purpose but rather to describe the functional details of the product.
- No part of the user's manuals may be transferred or reproduced without prior written consent from YOKOGAWA.
- YOKOGAWA reserves the right to make improvements in the user's manuals and product at any time, without notice or obligation.
- If you have any questions, or you find mistakes or omissions in the user's manuals, please contact our sales representative or your local distributor.

### Warning and Disclaimer






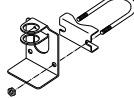
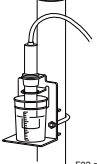



The product is provided on an "as is" basis. YOKOGAWA shall have neither liability nor responsibility to any person or entity with respect to any direct or indirect loss or damage arising from using the product or any defect of the product that YOKOGAWA can not predict in advance.

### Model and Suffix Codes

Model	Suffix Code	Option Code	Description
PH8AX	.....	.....	Accessory Set for pH Meter
Calibration Reagents	-L	.....	250 mL Polyethylene Bottle, Total 2 (1 bottle for pH7 and 1 bottle for pH4) Bag containing Powder for 500 mL Solution Total 24 bags (Each 12 bags pH7 and pH4) & Two 500 mL Polyethylene Bottle
	-P	.....	
Style	*A	.....	Style A
Option		/STD	With Sensor Stand (With Mounitng Bracket for 50A pipe)
		/KCLL	KCl Solution (One 250 mL Polyethylene Bottle)
		/KCLP	KCl Powder (3 bags for 250 mL Solution)
		/TMP	Thermometer (0 to 100°C)

### Confirmation of Accessories

Check the attachment of Accessory Set for pH Meter with the Model and Suffix Codes.

PH8AX (standard)	200 mL Polyethylene Cup 	Used for calibration with standard solution. These cups are for pH7 standard solution and pH4 or pH9 standard solution.
	Washer Bottle 	Before calibrating with standard solution, this is used for cleaning dirt from pH sensor area.
PH8AX-L	pH7, pH4 Standard Solution  (250 mL)	Supplied as standard solution. The pH value of standard solution may change a little bit with age. Be sure to seal the container lid tightly and store it in a cool/dark place. We recommend against storing/keeping for a long time.
PH8AX-P	Reagent for preparing pH7, pH4 Standard Solutions 	When using this reagent to prepare standard solution for calibration, dissolve one bag in pure water, then top up with water to make 500 mL of solution in total.
	Polyethylene Bottle (2 bottles)  (500 mL)	This is used for preparation/storage of pH7 standard solution and pH4 (or pH9) standard solution.
/STD	Sensor Stand 	When calibrating with standard solution, this is used to keep the sensor immersed in standard solution. Install it on a nominal 50A 2-inch pipe at the sensor mounting location.  Example of Use of Sensor Stand <small>F02.a</small>
/KCLL	KCl Solution (250 mL) 	This is 3.3 mol/L KCl solution for KCl-refillable pH sensor and pure water pH sensor; it is used for topping up the KCl in the reserve tank when it gets low. When using sensor with general-purpose reserve tank, it is possible to swap the whole tank (for another which is the same as the existing reserve tank).
/KCLP	KCl Powder (3 bags) 	This is KCl powder for preparing 3.3 mol/L KCl solution for KCl refillable pH sensor and pure water pH sensor; it is supplied only when specified (/KCLP). When preparing solution, dissolve 1 bag (62 g) in pure water, and top up to make 250 mL solution in total.
/TMP	Thermometer 	This is used to measure temperature of standard solution for calibration.