

## PH8500-WW pH Meter for wastewater treatment



### Main Features

- Equipped with the LabSen 333 pH electrode for pH measurement of wastewater, emulsions, dirty water, etc.
- Silicone sleeve provides a secure, firm grip and protects against impacts
- Water- and dust-proof (IP57) for use in harsh environments
- Fold-out stand for comfortable indoor operation
- Fast and easy 1- to 3-point calibration
- Large backlit LCD simultaneously shows the pH value and temperature, plus additional measurement and calibration information
- Self-diagnosis assists with calibration and troubleshooting
- GLP data management (500 memory groups) with data output via USB, including real-time logging

## Technical Parameters

|             |                     |                                             |
|-------------|---------------------|---------------------------------------------|
| pH          | Measuring range     | -2,00 to 16,00                              |
|             | Resolution          | 0,1/0,01                                    |
|             | Accuracy            | ±0,01 (±1 digit)                            |
|             | Calibration Points  | 1 to 3 points                               |
|             | Temp.-Compensation  | 0 to 100 °C (automatic or manual)           |
| mV          | Measuring range     | ± 2000 mV                                   |
|             | Resolution          | 0,1/1 mV                                    |
|             | Accuracy            | ± 0,1 % F.S (± 1 digit)                     |
| Temperature | Measuring range     | 0 to 100 °C                                 |
|             | Resolution          | 0,1 °C                                      |
|             | Accuracy            | ±0,5 °C                                     |
| Other       | Power supply        | 3 × AAA Batteries                           |
|             | IP rating           | IP57                                        |
|             | Dimensions          | 88×170×33 mm (with case 360×270×76 mm)      |
|             | Weight              | 313 g (with case 1,3 kg)                    |
|             | Electrode connector | BNC (for pH and ORP), RCA (for temperature) |
|             | Interface           | USB                                         |
|             | Memory capacity     | 500 records                                 |

## Technical Parameters (Electrode)

|                       |                        |                      |              |
|-----------------------|------------------------|----------------------|--------------|
| Measuring range       | (0 ~ 14) pH            | Electrolyte          | Polymer      |
| Operating temperature | (0 ~ 80)°C             | Storage solution     | 3M KCl       |
| Shaft material        | POM (polyoxymethylene) | Membrane impedance   | <250 MΩ      |
| Glass membrane type   | S                      | Electrode dimensions | (Ø12×120) mm |
| Reference system      | Long-life              | Connector            | BNC/RCA      |
| Junction              | Pinhole                | Cable                | Ø5 mm×1 m    |
| Temperature sensor    | NTC 30kΩ               |                      |              |

## What's in the Kit

|                                                                |        |
|----------------------------------------------------------------|--------|
| PH8500 pH Meter                                                | 1      |
| LabSen 333 pH/temp. electrode                                  | 1      |
| Calibration solutions (pH 4,00; pH 7,00; pH 10,01), 50 ml each | 1 each |
| AA batteries                                                   | 3      |
| Manual                                                         | 1      |
| USB cable                                                      | 1      |
| USB stick with PC-Link software                                | 1      |
| Screwdriver                                                    | 1      |
| Carrying case                                                  | 1      |