

## PH60-HF pH Meter for Liquids Containing Strong Acid



### Main Features

- Equipped with the LabSen 835 ATC/pH-Electrode, laboratory-quality pH measurements can be carried out
- Waterproof and dust-protected housing classified according to IP67
- Intelligent functions such as automatic calibration, automatic temperature compensation, and heads-up function
- Includes ready-to-use calibration solutions, storage solution, and a CalBox
- Automatic temperature compensation (ATC) (in the range 0-50°C)
- Accuracy:  $\pm 0,01$  pH; Measuring range: -2,00 bis 16,00

### What's in the Kit

|                                                              |        |
|--------------------------------------------------------------|--------|
| PH60 pH-Meter                                                | 1      |
| LabSen 835 ATC/pH-spear electrode                            | 1      |
| Calibration solutions (pH 4,00; pH 7,00; pH10,01 50 ml each) | 1 each |
| 3M KCl-Storage solution                                      | 1      |
| CalBox                                                       | 1      |
| Carrying case                                                | 1      |

## Technical Parameters

|             |                       |                                        |
|-------------|-----------------------|----------------------------------------|
| pH          | Measuring range       | -2,00 to 16,00                         |
|             | Resolution            | 0,01                                   |
|             | Accuracy              | ±0,01 (±1 Digit)                       |
|             | Calibration Points    | 1 to 3 Points                          |
|             | Temp.-Compensation    | 0 to 50 °C (automatic)                 |
| ORP (mV)*   | Measuring range       | ± 1000 mV                              |
|             | Accuracy              | ± 0,2 % F.S                            |
| Temperature | Measuring range       | 0 to 50 °C                             |
|             | Accuracy              | ±0,5 °C                                |
| Other       | Power supply          | 4 × AAA Batteries                      |
|             | Operating time        | Up to 1000 Hours                       |
|             | IP rating             | IP67                                   |
|             | Dimentions            | 40×40×178 mm (with case 255×210×50 mm) |
|             | Weight                | 133 g (with case 700 g)                |
|             | Auto. power-Off       | In 8 minutes without operation         |
|             | Various display modes | Yes                                    |
|             | Display               | 3-Color Backlit LCD                    |

\*ORP electrode not included, available separately.

## Technical Parameters (Electrode)

|                    |                       |
|--------------------|-----------------------|
| Measuring range    | 0 - 12 pH, 0 - 100 °C |
| Membrane shape     | hemispherical         |
| Membrane impedance | <400 MΩ               |
| Housing material   | Lead-free glass       |
| Temperature sensor | 30 kΩ NTC             |
| Junction           | Open                  |
| Reference system   | Silver Ion Trap       |
| Electrolyte        | Polymer               |
| Lenght             | 120 mm                |
| Diameter           | 12 mm                 |
| Connection         | 8-pin                 |
| Cable              | 1 m                   |