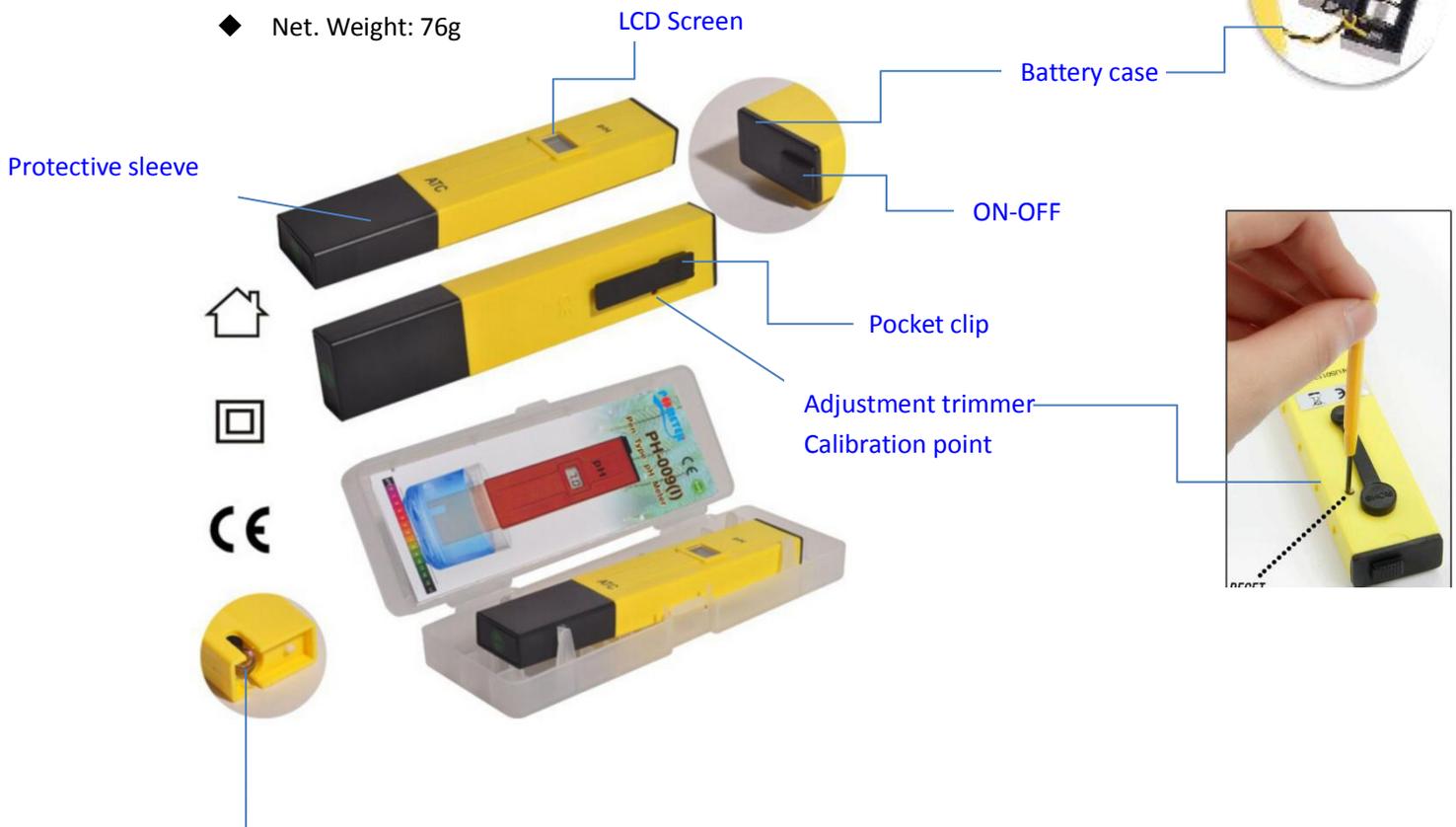


Technical data

PH meter

Specifications

- ◆ Accuracy: ± 0.1 pH (20° C/68° F)
- ◆ Range: 0.0 - 14.0 pH
- ◆ Resolution: 0.1PH
- ◆ Typical EMC DEV: ± 0.2 pH
- ◆ Operating Temperature: 0 - 50° C (32 - 122° F)
- ◆ Relative humidity: <95%
- ◆ Life: approx.700 hours of use
- ◆ Material: ABS new material
- ◆ Batteries: 3*1.5V button battery
- ◆ LCD size: 10*21mm
- ◆ Unit size: 153*36*18mm
- ◆ Net. Weight: 76g



Sensing electrode

Operation

- ◆ unplug the protective sleeve
- ◆ Firstly rinse the electrode with distilled water, and suck it with filter-paper.
- ◆ Turn on the PH by “ON-OFF” switch located on the top of battery case.
- ◆ Immerse the PH meter electrode in the solution to be tested.
- ◆ Stir gently and wait for the reading to stabilize.
- ◆ After use, switch off PH, use the distilled water to clean the electrode and replace the protective sleeve.

PH Calibration

- ◆ Immerse the electrode in PH 6.88(under the T_{ep} Of 25 °C) standard buffer solution of phosphate, and gently shake the electrode.
- ◆ Regulate the trimmer with a screwdriver until the buffer solution value corresponding to the measurement temperature is obtained.
- ◆ Immerse the electrode in PH4.01 or PH9.18 the standard buffer solution of borax.
- ◆ After about one minute, until the buffer solution value corresponding to the temperature is obtained.

NOTE

The instrument's PH range must be re-calibrated whenever:

- ◆ The electrode has been used(laid) for long time since last calibration.
- ◆ The electrode has been used in particularly taxing conditions.
- ◆ The utmost accuracy is required.

Battery install

If the display of the meter fades, all the 3 batteries have to be replaced. Pull out the battery case and replace the batteries. Pay attention to the polarity of the battery.