

GENERAL INFO

DIGITAL PH PEN METER

The Puretec PTE20 is a digital hand-held pH pen meter designed for instant analysis of water quality. Adopting the latest micro-electronic circuit design to provide high performance, steady and accuracy measurement. This pH pen is well suited for all environments including commercial, domestic, industrial, mining, aquaculture, etc.

FEATURES & BENEFITS

- Instant pH analysis.
- Waterproof class IP67.
- Large LCD result display window.
- Extremely portable.
- 7.0 / 4.0 adjustments.



|                      |                  |
|----------------------|------------------|
| Ordering Code:       | <b>PTE20</b>     |
| Testing Range:       | 0.0 pH to 14 pH  |
| Accuracy:            | ±0.1 pH          |
| Ambient Temperature: | 0 - 50 °C        |
| Batteries:           | 3 x LR44         |
| Dimensions:          | 158 x 30 x 30 mm |
| Weight:              | 67 grams         |

INSTRUCTIONS

**Instrument Calibration**

1. Soak the electrode in 7.0 pH / 4.0 pH solution. If the display does not show the right pH value, adjust the unit to the right measurement. (Remove the protection cap and adjust the knob. Right knob for 7.0 pH / left knob for 4.0 pH).
2. Clean the electrode with deionized water.
3. Soak the electrode into buffer solution at 4.0 pH. If the display does not show the right pH value then adjust the left point to make it displays 4.0 pH.
4. If necessary, repeat procedure 1 to 3.

**Maintenance**

If the instrument has not been operating for a long time, it should be re-calibrated before use. Clean the electrode with deionized water after use. Replace the batteries when the display becomes dim.

**Operating Procedure**

1. Remove the protection cap and turn on the power.
2. Place the electrode in sample solution until the result shows on the display.
3. Once you have finished testing, turn off the power, clean the electrode with deionized water and replace the protection cap.