

# Benchtop pH Meter





Electrode arm with 360



Simple UI design

### Introduction:

PH series digital pH meter is a high-precision laboratory pH value measuring instrument. It has dual functions of pH and MV. E201 composite electrode has fast response and good stability. This series of instruments are widely used in scientific research, teaching, agriculture and many other disciplines and fields.

## **Technical Parameters:**

| Model                |                          | PH200E  | PH200EM |  |
|----------------------|--------------------------|---|---------|--|
| PH                   | Range                    | -2.00~18.00pH                                 |         |  |
|                      | Accuracy                 | ±0.01pH                                       |         |  |
|                      | Resolution               | 0.01pH  |         |  |
|                      | Calibration Points       | 1~3 points                                    |         |  |
|                      | Standard Recognition     | NIST buffers                                  |         |  |
| ORP (Optional)       | mV Range                 | ±1999.9mV                                     |         |  |
|                      | Resolution               | 1mV   |         |  |
|                      | mV Accuracy              | ±0.1% F.S                                     |         |  |
| Temperature          | Range                    | -5~110°C/23~230°F                             | /       |  |
|                      | Resolution               | 0.1°C/0.1°F                                   | 1       |  |
|                      | Accuracy                 | ±0.2°C/ ±0.2°F                                | 1       |  |
| Other Specifications | Temperature Compensation | ATC, MTC                                      | MTC     |  |
|                      | Memory                   | 50 results each                               |         |  |
|                      | Communication Interface  | USB   |         |  |
|                      | Display                  | High resolution LCD display screen 6.0 inches |         |  |
|                      | Power Supply             | AC220V 50/60Hz or AC110V 50/60Hz              |         |  |
|                      | Dimensions(mm)           | 242*195*68mm                                  |         |  |
| Package Size (W*D*H) |                          | 350*280*190mmmm                               |         |  |
| Gross Weight         |                          | 2.5kg   |         |  |

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#### Accessories:

Meter, composite electrode and standard solutions.

#### Technical Parameters:

| Range         0.00~14.00pH           Accuracy         ±0.05pH         ±0.02pH           PH         Resolution         0.01pH | 10.01mH                   |  |  |
|--|---------------------------|--|--|
| PH Resolution 0.01pH   | +0.04mLI                  |  |  |
|  | ±0.01pH                   |  |  |
|  | 0.01pH                    |  |  |
| Standard Buffer Solution pH4.00, pH6.86, pH9.18  | pH4.00, pH6.86, pH9.18    |  |  |
| mV Range ±1999.9mV   | ±1999.9mV                 |  |  |
| ORP (Optional) Resolution 1mV  | 1mV                       |  |  |
| mV Accuracy ±10mV  | ±10mV                     |  |  |
| Temperature Compensation 0~60°C  | 0~60°C                    |  |  |
| Working Environment  Ambient Temp.: 0~40°C   | Ambient Temp.: 0~40°C     |  |  |
| Relative Humidity: ≤80%RH  | Relative Humidity: ≤80%RH |  |  |
| Sample Temperature Range 5~60°C  | 5~60°C                    |  |  |
| Other Specifications Power Supply 110~220V, 50/60Hz  | 110~220V, 50/60Hz         |  |  |
| Dimensions(mm) 220*200*85mm  | 220*200*85mm              |  |  |
| Weight(kg) 1kg   | 1kg                       |  |  |
| Package Size(W*D*H)mm 300*240*185mm  | 300*240*185mm             |  |  |
| Gross weight(kg) 1.8kg   | 1.8kg                     |  |  |