



VIKING-PHBT Touch Screen Laboratory pH Meter

Download
Catalogue



7" collared capacitive touch screen

Resolution 1024*600,



Auto recognition of 25 buffers



Wi-Fi Control by Smart Phone

Support wireless Bluetooth printing. Real-time data transfer to mobile phone via Bluetooth (optional)



Support 1, 2, 3 point calibration



1000 sets of test data storage

COLO VIKING-PHBT Benchtop pH Meter

- 7" collared capacitive touch screen with high resolution (1024*600) and sensitivity
- Built-in microprocessor chip has intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function setting, wireless printing, and self-diagnosis information,...
- Support wireless Bluetooth printing. Real-time data transfer to mobile phone via Bluetooth is optional.
- Smart electrode status display to ensure accurate use.
- Auto recognition of 25 buffers with three kinds of options: Europe & USA, NIST
- Support 1, 2, 3 point calibration.
- Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel

| VIKING Meter Type | PHPEC | PHBA | PHPOC | PHCOPOC | PHDOPOC | PHBC | PHCOBC | PHDOBC | MUBC | PHBT | PHCOBT | PHDOBT | MUBT | PHTC | PHCOTC |
|-------------------------------|-------|-------|----------|----------|----------|-------|--------|--------|-------|-------|--------|--------|-------|--------|--------|
| pH Type | Pen | Bench | Portable | Portable | Portable | Bench | Bench | Bench | Bench | Bench | Bench | Bench | Bench | Tablet | Tablet |
| Outdoor Possibility | ● | ● | ● | ● | ● | | | | | | | | | ● | ● |
| pH Meter | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| pH/Cond Meter | | | | ● | | | ● | | ● | | ● | | ● | | ● |
| pH/DO Meter. | | | | | ● | | | ● | | | | ● | | | |
| pH/Cond/DO Meter | | | | | | | | | ● | | | | ● | | |
| Touch Screen | | | | | | | | | | ● | ● | ● | ● | | |
| USB Output | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Bluetooth Option | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | | |
| Temperature Sensor | | | ● | ● | ● | | | | | ● | ● | ● | ● | | |
| pH composite electrode | | | ● | ● | ● | | | | | ● | ● | ● | ● | | |
| Two in One Electrode* | | | | | | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

| Type | VIKING-PHBT | |
|-------------------------|--|---|
| pH | Measurement range | (-1,999 ~ 19.999)pH |
| | Resolution | 0.1/0.01/0.001 pH |
| | Accuracy | Electrode:±0.002 pH, Meter: ±0.01 pH |
| | Input current | ≤1×10 ⁻¹² A |
| | Input impedance | ≥3×10 ¹² Ω |
| | Stability | 0.002 pH/3h |
| | Temperature compensation | (0 ~ 100)°C, auto; (-5 ~ 110)°C, auto or manual |
| mV | Measurement range | (-1999,00 ~ 1999,00) mV |
| | Resolution | 0,1 mV |
| | Accuracy | ±0,03% FS |
| | Temp. compensation range | (0 ~ 50)°C, auto |
| | Electrode constant | 0.1/0.5/1/5/10/50/100 cm-1 |
| | Electrode type | Polarography |
| Temperature | Range | (-10 ~ 110)°C |
| | Resolution | 0,1°C |
| | Accuracy | 5-60°C: ±0.4°C, others: ±0.8°C |
| Calibration | 1, 2, 3 point, auto | |
| Display | 7-inch collared capacitive touch screen | |
| Data storage | 1000 sets | |
| Power | 12 V (110-220, 50-60 Hz adapter) | |
| Communication interface | USB, Bluetooth (optional) | |
| Dimensions & Weight | 240×170×70mm/600g | |
| Buffer | Europe & USA, NIST, standards | |
| Working Conditions | Temperature | 5 ~ 40 °C |
| | Humidity | 5-80% |
| | IP grade | IP54 |
| Meter Kits | pH Meter | |
| | Two-in-one electrode that consists of pH combination electrode and temperature probe | |
| | Instruction manual | |
| | Electrode holder | |
| | pH buffer solution | |
| | Power adapter | |

Please note

If this Instrument does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts



Laboratory Equipment production and Distribution

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