



## PH/ION METER BMET-506

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## PORTABLE PH/ION METER

An ion meter is a device which with the aid of electrochemical activity of ion electrodes measures the concentration of ions in a solution. It works by the means of selective ion electrodes and measuring ion activity capability of sensitive membranes of a measuring device. A sensor electrode and a reference electrode are used to measure the ion concentration in a solution.



## SPECIFICATIONS

| Model                    | BMET-506   |
|--------------------------|--|
| pH                       |  |
| - Range                  | -2.00 to 20.00 pH                                |
| - Resolution             | 0.1, 0.01 pH                                     |
| - Accuracy               | ± 0.01 pH  |
| - Calibration Points     | Up to 5  |
| - Standard Customization | Yes  |
| - Standard Recognition   | NIST, GB and DIN buffers                         |
| mV                       |  |
| pX                       |  |
| ISE                      |  |
| - Unit                   | mol/L, mmol/L, g/L, mg/L, µg/L, ppm              |
| Temperature              |  |
| - Relative Accuracy      | ± 0.2  |
| Measurement              |  |
| - Reading Mode           | AutoRead (Fast, Medium, Slow), Timed, Continuous |
| - Reading Prompts        | Reading, Stable, Locked                          |
| - Temp. Compensation     | ATC, MTC   |
| Data Management          |  |
| - Data Storage           | 1000 results each                                |
| - GLP Features           | Yes  |
| Inputs                   |  |
| - pH Electrode           | BNC(Q9)  |
| - Temp./DO Probe         | 4-pin aviation connector                         |
| Outputs                  |  |
| - USB                    | USB 2.0 flash memory device, PC, scanner         |
| Display Options          |  |
| - Backlight              | Yes  |
| - Auto Shutdown          | 300, 600, 1200, 1800, 3600 sec, off              |

|              |                       |
|--------------|-----------------------|
| - IP Rating  | IP65                  |
| General      |                       |
| - Power      | Yes                   |
| - Dimensions | 90x255x40 mm          |
| - Weight     | 500 g (1.1 lb)        |
| Alt Name     | Portable pH/Ion Meter |



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