



PH/ION METER BMET-506

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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 membrane of a measuring devices. A sensor electrode and a reference electrode are used to measure the ion concentration in a solution.

BMET-506 PH/ION METER



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 | |
| Range | -2000.00 to 2000.00 mV |
| Resolution | 0.1 |
| Accuracy | ± 0.3 mV or ± 0.1 % |
| pX | |
| Range | - 2.00 to 20.00 |
| Resolution | 0.1, 0.01 pX |
| Accuracy | ±0.02 pX |
| Calibration Points | Up to 5 |
| ISE | |
| Range | 1E-9 to 9.999E9 |
| Unit | mol/L, mmol/L, g/L, mg/L, µg/L, ppm |
| Resolution | Up to 4 significant digits |
| Accuracy | ± 0.5 % |
| Calibration Points | Up to 5 |
| Temperature | |
| Range | -5 to 110 °C, 23 to 230 °F |

| | |
|--------------------|--|
| Unit | °C, °F |
| Resolution | 0.1 |
| 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 |
| Yes | General: Power |
| General | |
| Dimensions | 90x255x40 mm |
| Weight | 500 g(1.1 lb) |



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