



DO METER BMET-404

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The DO meter is used to measure the dissolved oxygen in water in order to reflect its quality. Its principle needs cathode and anode electrodes and works on the concept of polarization. The flow of electrons from the anode to the cathode represents the measuring signal which is proportional to the partial pressure of oxygen in the measured culture of media.

BMET-404 DO METER



SPECIFICATIONS

| Model | BMET-404 |
|-----------------------------------|-----------------------------------|
| Dissolved Oxygen Concentration | |
| Sensor Type | Polarographic |
| Range | 0.00 to 20.00 mg/L |
| Resolution | 1.01 mg/L |
| Accuracy | ± 0.3 mg/L |
| Calibration Points | Air-saturated water or zero point |
| Barometric Compensation | Yes |
| Manual Salinity Factor Correction | Yes |
| Saturation | |
| Range | (0.0 to 200.0)% |
| Resolution | 0.10 % |
| Accuracy | ± 10.0 % |
| Temperature | |
| Range | - 5 to 110 °C, 23 to 230 °F |
| Unit | °C, °F |
| Resolution | 0.1 |
| Relative Accuracy | ± 0.2 |
| Measurement | |
| Reading Mode | AutoRead, Continuous |
| Reading Prompts | Reading, Stable, Locked |
| Temp. Compensation | ATC, MTC |
| Data Management | |
| Data Storage | 200 results each |
| Inputs | |

| | |
|-----------------|---|
| pH Electrode | BNC(Q9) |
| Temp. Probe | 4-pin aviation connector |
| Temp./DO Probe | 4-pin aviation connector |
| Display Options | |
| Backlight | Yes |
| Auto Shutdown | 300, 600, 1200, 1800, 3600 sec, off |
| IP Rating | IP65 |
| General | |
| Power | Rechargeable Lithium batter; AC Adapter,100-240 V AC input, DC5V output |
| Dimensions | 80 x 255 x 35 mm |
| Weight | 400 g(0.88 lb) |



Biolab Scientific Ltd.

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com