

# DO METER MET41-010



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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.

## MET41-010 DO METER



Product Image Coming Soon

## SPECIFICATIONS

| Model                             | MET41-010  |
|-----------------------------------|--|
| Dissolved Oxygen Concentration    |  |
| Sensor Type                       | Polarographic  |
| Range                             | 1.00 to 99.99 mg/L   |
| Resolution                        | 1.01 mg/L  |
| Accuracy                          | $\pm 0.3$ mg/L (0.00 to 20.00 mg/L) $\pm 10\%$ (20.00 to 99.99 mg/L) |
| Calibration Points                | Air-saturated water or zero point                                    |
| Barometric Compensation           | Yes  |
| Manual Salinity Factor Correction | Yes  |
| % Saturation                      |  |
| Range                             | (0.0 to 600) %   |
| Accuracy                          | $\pm 10.0$ %   |
| Temperature                       |  |
| Range                             | - 10 to 135 °C, 14 to 275 °F   |
| Unit                              | °C, °F   |
| Resolution                        | 0.1  |
| Accuracy                          | $\pm 0.1$  |
| Measurement                       |  |
| Reading Mode                      | AutoRead( Fast, Medium, Slow), Timed, Continuous                     |
| Reading Prompts                   | Reading, Stable, Locked  |
| Temp. Compensation                | ATC, MTC   |
| Data Management                   |  |
| Data Storage                      | 1000 Groups  |
| GLP Features                      | Yes  |

|                 |  |
|-----------------|--|
| Log Management  | Yes  |
| Inputs          |  |
| Temp./DO Probe  | 4-pin aviation connector                     |
| Outputs         |  |
| USB             | USB 2.0 flash memory device, PC              |
| RS 232          | printer、scanner、autosampler                  |
| Display Options |  |
| Backlight       | Yes  |
| Auto Shutdown   | 1~60 min, off                                |
| IP Rating       | IP54   |
| Date and Time   | Yes  |
| General         |  |
| Power           | AC Adapter, 100-240 V AC input, DC24V output |
| Dimensions      | 220 x 195 x 68 mm                            |
| Weight          | 950 g (2.09 lb)                              |



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