



PH

# DO Meter



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# DO Meter

## DSDO310F

DO-958-Q polarographic DO electrode (zero oxygen calibration solution, dissolved oxygen electrolyte, 3 pcs electrode membrane cover)  
 Electrode holder  
 Silicone rubber case  
 Wristbands  
 Carrying Case



- ✦ LCD display screen, 3.5 inches.
- ✦ Multi-reading feature allows auto-read, timed-read and continuous-read.
- ✦ Automatic/Manual temperature compensation ensures accurate results.
- ✦ Auto-hold feature senses and locks the measurement endpoint.
- ✦ Data capacity of up to 500 sets for each parameter (GLP-compliant).
- ✦ Support for USB communication.
- ✦ Auto-power off feature effectively extends the battery service life.
- ✦ Reset feature automatically resumes all settings back to factory default options.
- ✦ IP65 waterproof. The portable meter is suitable for fields measurements and out door measurements.
- ✦ Support for air-saturated water or zero oxygen calibration.
- ✦ Auto barometric pressure compensation
- ✦ Manual Salinity Factor Correction
- ✦ Selectable pressure unit, including kPa, mbar, Torr, Atm.

|                                |                                   |  |
|--------------------------------|-----------------------------------|--|
| Model                          | DSDO310F                          |  |
| Parameters                     | DO/Temp(DO Saturation).           |  |
| Dissolved Oxygen Concentration | Sensor Type                       | Polarographic  |
|                                | Range                             | 0.00 to 50.00 ppm  |
|                                | Resolution                        | 0.01ppm  |
|                                | Accuracy                          | ±0.1ppm  |
|                                | Calibration Points                | Air-saturated water or zero point  |
|                                | Barometric Compensation           | Yes  |
|                                | Manual Salinity Factor Correction | Yes  |
| DO Saturation                  | Range                             | (0.0 to 300.0)%  |
|                                | Resolution                        | 0.10%  |
| Temperature                    | Accuracy                          | ±2.0%  |
|                                | Range                             | -5 to 110 °C, 23 to 230 °F   |
|                                | Unit                              | °C, °F   |
|                                | Resolution                        | 0.1  |
| Measurement                    | Accuracy                          | ±0.2°C   |
|                                | Reading Mode                      | Auto-Read (Fast, Medium, Slow), Timed, Continuous                        |
| Data management                | Reading Prompts                   | Reading, Stable, Locked  |
|                                | Temp. Compensation                | ATC, MTC   |
|                                | Data Storage                      | 1000 Groups  |
|                                | GLP Features                      | Yes  |
| Inputs                         | DO with Temp. Probe               | 4-pin aviation connector   |
| Outputs                        | USB                               | PC, printer  |
| Display options                | Backlight                         | Yes  |
|                                | Auto Shutdown                     | 300, 600, 1200, 1800, 3600sec., off                                      |
| General                        | IP Rating                         | IP65   |
|                                | Date and Time                     | Yes  |
|                                | Power                             | Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output |
|                                | Dimensions                        | 80 x 225 x 35 mm   |
|                                | Net Weight                        | 400g (0.88 lb)   |
|                                | Dimensions (Carton)               | 410x330x165 mm   |
|                                | Shipping Weight                   | 5.5 kg   |