

## Benchtop Dissolved Oxygen Meter



## Features:

- \* With built-in microprocessor chip, intelligent and high accuracy.
- \* 7" TFT touch screen, easy reading and operation.
- \* With calibration guide, automatic calibration, automatic temperature compensation, data storage, parameter setup, etc.
- \* Self-diagnosis functions.
- \* Cal points: DO: 100% Oxygen or Zero oxygen calibration.
- \* Fast response, stable reading display.
- \* The kit comes with a polarographic type DO probe and 3pcs replaceable sensor caps, which is convenient for use in the long term.
- \* IP54 dustproof and spillproof.

## Accessories:

Meter; polarographic DO probe, cable length: 2m; membrane refill solution: 30mL; sensor caps: 3pcs/group, 1pkg; flexible probe holder; PC cable; power adaptor

## Technical Parameters:

| Model                | PH-DO100T                                |
|----------------------|------------------------------------------|
| DO                   | Range                                    |
|                      | 0~20.00mg/L, 0~200.0 %                   |
|                      | Resolution                               |
|                      | 0.01/0.1mg/L                             |
|                      | Accuracy                                 |
|                      | ±0.30mg/L                                |
| DO                   | ATC range                                |
|                      | 0~50°C, automatically                    |
|                      | Salinity Compensation                    |
|                      | 0~45ppt, manual                          |
| Temperature          | Barometric Compensation                  |
|                      | 0~200.0kPa, automatically                |
|                      | Range                                    |
|                      | -10.0~135.0°C/14.0~275.0°F               |
| Temperature          | Resolution                               |
|                      | 0.1°C                                    |
| Temperature          | Accuracy                                 |
|                      | ±0.2°C                                   |
| Data Storage         | 500 groups                               |
| Data Output          | USB to Flash Disk                        |
|                      | USB to PC                                |
|                      | Wireless connection to printer(Optional) |
| Power Requirements   | DC12V                                    |
| External Size(W*D*H) | 200*170*64mm                             |
| Package Size(W*D*H)  | 540*330*130mm                            |
| Net Weight           | 567g                                     |
| Gross Weight         | 2.1kg                                    |

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## Features:

- \* High resolution LCD display, 5.7 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.
- \* Support for USB or RS-232 communication.
- \* Reset feature automatically resumes all settings back to factory default options.
- \* Support for air-saturated water or zero oxygen calibration.
- \* Manual salinity factor correction
- \* Selectable pressure unit, including kPa, mbar, Torr, Atm.
- \* IP54 dustproof and spillproof.

## Accessories:

Meter; polarographic DO electrode; electrode stand; power adapter DC 9V; dust cover; universal USB cable.

## Technical Parameters:

| Model                | DO400F                                              |
|----------------------|-----------------------------------------------------|
| DO Concentration     | Sensor Type                                         |
|                      | Polarographic                                       |
|                      | Range                                               |
|                      | 0.00~99.99ppm                                       |
|                      | Resolution                                          |
|                      | 0.01ppm                                             |
| DO Concentration     | Accuracy                                            |
|                      | ±0.10ppm, 0.00~50.00ppm                             |
|                      | ±0.50ppm, 50.0~99.99ppm                             |
|                      | Calibration Points                                  |
| DO Concentration     | Manual Salinity Factor Correction                   |
|                      | Yes                                                 |
|                      | Barometric Compensation                             |
| DO Saturation        | Yes                                                 |
|                      | Range                                               |
|                      | 0.0~600.0%                                          |
|                      | Resolution                                          |
| Temperature          | 0.01%                                               |
|                      | Accuracy                                            |
|                      | ±2.0%                                               |
|                      | Range                                               |
| Temperature          | -10.0~135.0°C/14.0~275.0°F                          |
|                      | Resolution                                          |
|                      | 0.1°C                                               |
|                      | Accuracy                                            |
| Measurement          | ±0.1°C                                              |
|                      | Reading Mode                                        |
|                      | Auto read(Fast, medium, slow), timed, continuous    |
|                      | Reading Prompts                                     |
| Data Management      | Reading, stable, locked                             |
|                      | Temp. Compensation                                  |
|                      | ATC, MTC                                            |
| Data Management      | Data Storage                                        |
|                      | 500 results each                                    |
|                      | GLP Features                                        |
| Inputs               | Yes                                                 |
|                      | DO with Temp. Probe                                 |
|                      | 4-pin aviation connector                            |
| Outputs              | USB                                                 |
|                      | PC                                                  |
|                      | RS232                                               |
| Power Requirements   | Printer                                             |
| External Size(W*D*H) | AC adapter, 100~240V, 50/60Hz AC input, DC9V output |
| Package Size(W*D*H)  | 242*195*68mm                                        |
| Net Weight           | 370*305*330mm                                       |
| Gross Weight         | 0.9kg                                               |
|                      | 2.5kg                                               |