TDS MEASUREMENT

Please follow up below steps to proceed the TDS measurement.

1. Press the meter on the measurement.
2. Connect the TDS sensor to the meter. The factory default setting is 0 ppm. Adjust
3. Press the range button to select a range value. The total range compensation or manual temperature correction per your application.
4. Start to take readings. Press "MODE" to switch the meter to TDS mode and then get the reading from LCD (Fig.4).

PARAMETER SETTING

1. When the meter is in the normal mode, press the "KEY" button to enter the parameter setting mode.
2. Press the "KEY" button to select the setting parameter, set the parameter value one by one.
3. Press ESC key to return to previous status.
4. Press ENTER button to enter each parameter setting as following:

P1: Manual range setting (μmS/μm)

The meter will automatically select a range when readings appear. The purpose of fresh water range function is for you to select the specific range (and corresponding resolution) in the measurement procedure.

There are 4 ranges for you to select. Pressing the "UP" key allows you to select the" Upper Range", pressing the "DOWN" key allows you to select the "Lower Range". The last 2 digits of the LCD will flash, and the unit of the current selected range will be displayed (Fig.5).

P2: READY indicator (μmS/μm)

The range indicator "on" to remind you the measurement is stable. The meter will automatically select a range according to the following criteria: P1 = 0.0 to 1.99 ppm; P2 = 2.0 to 19.99 ppm; P3 = 20.0 to 199.9 ppm; P4 = 200.0 to 1999.9 ppm. The indicator will be displayed when the measurement is stable.

P3: Auto-end function (μmS/μm)

The meter will automatically switch to the next range whenever a measurement is made on a range that is lower than the range of the previous measurement. The meter will return to normal measurement mode when the measurement is made on the last range.

P4: User-defined range setting (μmS/μm)

The meter will automatically switch to the next range whenever a measurement is made on a range that is lower than the range of the previous measurement. The meter will return to normal measurement mode when the measurement is made on the last range.

P5: Normalization temperature (μmS/μm)

The meter will automatically switch to the next range whenever a measurement is made on a range that is lower than the range of the previous measurement. The meter will return to normal measurement mode when the measurement is made on the last range.

P6: Data query (μmS/μm)

The meter will automatically switch to the next range whenever a measurement is made on a range that is lower than the range of the previous measurement. The meter will return to normal measurement mode when the measurement is made on the last range.

IP-β: Electrode data (μmS/μm)

This mode has five options for you to choose the probe constant value. The electrode constant is the gain of the solution constant which is equal to the value in IP-β. If the electrode constant is not available, the value of the electrode constant is adjusted according to your calibration. In this model, the electrode constant is the standardized calibration solution. Press the "UP" or "DOWN" key to change IP-β. The display will show the IP-β, and then press the "ENTER" key to enter IP-β. The display will show the IP-β constant value, which is a range constant for IP-β range 0 to range 2, range 2 to range 3, range 3 to range 4, range 4 to range 5.

RS-232 OUTPUT (9600 bps)

The meter can link with personal computer to display on line data, print out, print out, and save the data for operating data analysis. The RS-232 output is a "COM1" port or "COM2" port on the rear panel of the meter. The meter can be connected to the computer by RS-232 data cable. The meter can be connected to the computer by RS-232 data cable.

When installing the RS-232 software, please refer to the manual on the operation manual. The RS-232 data port is a "COM1" port or "COM2" port on the rear panel of the meter. The meter can be connected to the computer by RS-232 data cable.

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