

PH – ORP CONTROLLER

MODEL : PH-303

DISCRIPTION

This 2-in-1 pH and ORP Controller is perfect for the freshwater planted aquarium keeper as well as the serious saltwater hobbyist. It simultaneously control and measure pH value and Redox level (ORP). It clearly display the pH and ORP results on its LCD screen by switching a button. Included are 2 BNC probes (pH and ORP) and 1 control output power socket that simultaneously control and regulate the amount of CO2 (via pH value) and ozone (via ORP level). You may also use these feature separately, individually operate the instrument with only pH value or Redox value. Just simply set the desired pH & ORP value in the controller and when it reaches the set values the unit will send signal to the attached devices to automatically dose CO2 or Ozone as required. Truly a reliable and accurate testing instrument with accuracy of 0.02 pH and 5 mV (Redox). The included 110V or 220V relay-steered plug socket can be attached to every 110V or 220V device such Ozonizer, Oxygen pump, CO2 regulator, air outlet stone, electromagnetic valve.



You can use this controller to a wide range of applications including aquariums, fish hatcheries, Swimming pools, pond, spa, laboratories, water conditioning, schools & colleges, florists, pisciculture and other various industrial applications. A suitable way for you to keep an eye on the different water parameters in your tank.

Features

- Display pH value and Redox level (ORP) with clear LCD screen
- Equipped with 2 replaceable BNC probes (pH and ORP), 1 control output power socket
- Regulates and monitor pH & ORP level in liquids simultaneously
- Provided with power socket for CO2 and Ozone Solenoids or Dosing Pumps
- Quick and easy to install and use
- Easy calibration of pH and TDS with just a mini-screw driver (Detailed procedure of calibration is described in manual)
- Conformity with CE and RoHS standards
- With Protection Dead Band feature that automatically turns off or shuts down the unit to protect your unit from erroneous readings
- Comes with mounting bracket for wall or tank mounting and 2 calibration solutions

Specifications

- Measuring Range :
 - pH : 0.00 ~ 14.00Ph
 - ORP : -1999 ~ 1999mV
- Resolution :
 - pH : 0.01pH
 - ORP : 1mV
- Accuracy :
 - pH : $\pm 0.1\% + 0.02\text{pH}$
 - ORP : $\pm 5\text{mV}$
- Set Range :
 - pH: 3.50 ~ 10.50pH
 - ORP: 0 ~ 1000mV
- Relay Contact: 5A for AC 110V or 220V
- Display : 4 digits LED display
- Operating Temperature : 0 ~ 50°C (32 ~ 122°F)
- Ambient Humidity : 90 or less than 90 % R. H.
- Power: choose 1 from the available adaptor
 - 220V AC Power Adaptor (Europe, UK, Australia)
 - 110 V AC Power Adaptor (US)
- Power Requirement : AC110V $\pm 10\%$ 60Hz / AC220V $\pm 10\%$ 50Hz
- Power Consumption: 2 Watts
- Output Voltage : the same as power supply voltage
- Dimensions: approx. 160 x 102 x 40mm (6.30' x 4.02' x 1.57' inch)
- Weight: approx. 800g

Set Includes

- 1 x pH & ORP Controller
- 1 set of FREE pH 4.003 and pH 6.864 Calibration Solutions
- 1 x Replaceable pH electrode
- 1 x Replaceable ORP electrode
- 2 x Rubber cable holder with suction cap
- 1 x mini screw driver
- 1 x Metal Holder for mounting
- Power Cord/Plug (choose one from the available: Australia, UK, US or Europe)
- 1 x English Instruction Manual
- Standard factory package

