



INTELLIGENT pH ONLINE CONTROLLER

SPECIALLY DESIGNED TO MONITOR LIQUID pH LEVEL
THROUGH HIGH QUALITY pH SENSOR



HIGH **ACCURACY**
ONLINE **pH DISPLAY**
EASY **INSTALLATION**
EASY **PARAMETERS SETUP**
EASY **TO MONITOR**
LESS **PIPING WORK**
EASY **MAINTENANCE**

INFINITY introduce **pH** intelligent water quality analysis online **pH+** controller with high quality **pH** sensor along with their T type housing for accurate reading online.

pH intelligent water quality analysis online pH+ controller having double relay output facility that helps to make **automatic pH correction dosing system, acid/caustic dosing system, mineral adding system etc.**

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pH is the measure of the **hydrogen ion concentration in a liquid.**

pH measure the **acidity or alkalinity of a liquid.**

The pH scale is logarithmic and runs from **0 -14 with 7 being as a natural.**

Less than 7.0 pH indicate **acidic solution.**

Higher than 7.0 pH indicate **alkaline (basic) solution.**

PH+ CONTROLLER SPECIFICATION

Model	INFINITY PH +	Accuracy	+/- 2 %
Description	ONLINE PH INDICATOR + CONTROLLER	Resolution	0.1 K
Power Supply	230 V AC 50 HZ	Relay	7 A / 230 V
Mounting	PANEL MOUNT	Display	LCD RED 7 SEGMENTS
Overall Size	96MM X 96 MM	Enclosure	ABS PLASTIC
Cutout Size	92MM X 92MM	Calibration	INSIDE PASSWORD PROTECTED SETTING
Aux output	RELAY CONTROL WITH FURTHER AUTOMATION	Temperature	0-60°C

FEATURE

NABL/ERTL standard sensor used

Membrane switches setting keys for easy setup

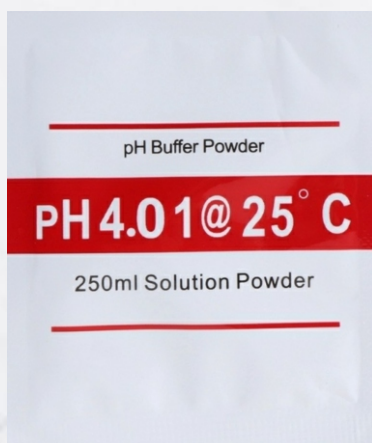
It can use directly with **chlorine dosing & ozone automation** with high and low pH+ cutoff system.

4 digits 7 segment display along with relay status for easy to monitor

Individual **high and low set point relay** for further automation

SENSOR SPECIFICATION

MODEL	PH S/GL/O
TYPE	FLOW THROUGH / TANK (OPTIONAL)
DESCRIPTION	TO SENSE LIQUID ONLINE PH
SENSOR OUTPUT	0.1 K
ELECTRODE MOC	GLASS BULB WITH EPOXY BODY*
CONNECTION	3/4" & 1/2" BASP
CABLE	1 CORE SHIELDED
CABLE LENGTH	3 METER
MAX TEMP.	0-60 C
MAX PRESSURE	3 BAR
DIMENTIONS	140MM X 32MM



Directions for use:
Completely empty the powder into a clean 250mL glass beaker. Add 250mL of Deionized Water to the beaker. Stir until the powder has completely dissolved

pH solution accuracy is ± 0.01 pH

°C	pH 4.00	pH 6.86	pH 9.18
10	4.00	6.92	9.33
15	4.00	6.90	9.28
20	4.00	6.88	9.23
25	4.00	6.86	9.18
30	4.01	6.85	9.14
35	4.02	6.84	9.10
40	4.03	6.84	9.07
45	4.04	6.83	9.04
50	4.06	6.83	9.02

4 PH : PH BUFFER POWDER

6.86 PH : PH BUFFER POWDER

PACK OF 2 PH METER BUFFER SOLUTION

POWDER FOR PRECISE AND EASY PH CALIBRATION

APPLICATIONS



MINRAL WATER PLANTS



BEVERAGE INDUSTRY



LIQUID WASTE MANAGEMENT



PHARMA & CHEMICAL



PULP & PAPER INDUSTRY



SWIMMING POOL

HIGH & LOW pH LEVEL AUTOMATION

