

MODEL 514

Kruger & Eckels pH/ORP Controller



Description

The Model 514 Controller is designed to power alarms, pumps, valves, and feeders to control the pH and ORP of a solution.

The instrument is designed for heavy usage in harsh industrial environments. The NEMA 4X enclosure includes a clear window door, simple to operate panel controls, two easy to read 3.5" digital displays, and proven solid state electronics.

The power output relay has 10 Amp contacts and is fused for 5 amps.

Sensors may be located up to 100 feet from the controller with out pre-amplification. There is no need to install delicate electronics near the solution being controlled. This instrument will work with many non-preamplified inline and submersion ORP sensors with a BNC connection.

Two set points are included. Each setpoint features a switch for setting Low/Off/High feed operation.

Water/Wastewater applications include metal finishing, food and beverage processing, and rinse water treatment.

The Model 514 includes a two year limited warranty and support; and will require little maintenance throughout its lifetime.

The instrument has an optional 4-20mA output.



Specifications

Input Current	2 picoAmps Max
Temperature Control	0° - 100° C
Electrode Connector	BNC
Max Electrode Distance	100ft.
Fuses	1 A on Instrument 5 A on outputs
Power Required	115 VAC
Display	LCD Display
Accuracy	0.05 when within 2 pH of Buffer Solution
Range	0-14 pH, 0-1000mV
Size	10" X 8" X 5.5"
Weight	8 lbs.
Operating Temperature	-10° - 50° C
Enclosure	NEMA 4X Polycarbonate
Recommended Sensor	PN KE81912/KE81916