

Model 302D pH Controller

- Pool chemistry readout and dosing in the 6.5 to 8.5 pH range
- High/low alarms for out of parameter conditions
- Weatherproof NEMA-4X enclosure
- Simple installation and operation
- 4-20 mA option available
- 5 year limited controller warranty



Description

The Model 300 Series Pool Chemistry Controller maintains water chemistry in swimming pools, spas, therapy pools, and decorative fountains. Continuous automatic control ends, once and for all, the hassles of manual water treatment and solves common water problems of algae eye burn, odors, and cloudiness. Kruger and Eckels Controllers help keep your water sparkling blue, as well as maintain water quality standards for everything from the smallest whirlpool spas and decorative fountains to the largest municipal pools and water parks. Best of all, they save you money by cutting chemical costs and protecting pool recirculation systems from scale and corrosion damage.

Standard Sensors

Standard sensors work with all Kruger & Eckels Pool Controllers, as well as several other brands. Made of chemical resistant polymers, they're color coded and feature BNC style connectors and moisture-resistant "connection protection". All are sealed so they never need to be recharged, and are backed by an 12-month warranty against defects in materials or workmanship.

ORP sensors use a pure platinum band for the highest sensitivity, and all Kruger & Eckels sensors use high quality, low-noise coaxial cable and a unique "tri-reference" design for more accurate, stable readings and longer sensor life.

Heavy Duty Sensors

Heavy duty sensors work with Kruger & Eckels Pool Controllers, as well as several other brands. In addition to working with all Kruger & Eckels controllers, our heavy-duty sensors are ideal premium replacements for less reliable sensors in harsh environments. Made of Kynar®, they are impervious to chemicals, and virtually unbreakable!

A larger body also holds more electrolyte for a longer life and a non-clogging annular reference design all but eliminates errors caused by interference. This unique design makes Kruger & Eckels the choice in applications where average probes simply get fouled and quit operating.

Heavy-duty sensors are color coded, come with BNC style connectors, and are backed by a full two-year warranty against defects in materials and workmanship.

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Model 302 pH	
Meter Range	6.5 to 8.5 pH
Meter Sensitivity	0.1 pH
Control Range	7.0 to 8.0 pH
Control Accuracy	±0.05 pH
Control Stability	±0.1 pH/year

Sensor Information	
80832	pH with 3' (0.9m) Cable
80834	pH with 10' (3m) Cable
81710	Heavy Duty pH with 3' (0.9m) Cable
81712	Heavy Duty pH with 10' (3m) Cable

Specifications	
Meter Type	3-1/2" taut band movements, optional digital LCD readouts available
Status Lights	All models equipped with red LED alarm indicator green LED feed indicator, and red LED flow warning
Feed Mode Switch	Selects Automatic, Manual Override, or Off
Power Source	115 VAC, 60 Hz (230 VAC, 50Hz optional), standard three wire cable
Power Output	115 VAC, 60 Hz (230 VAC, 50Hz optional), standard three wire receptacle, 5 Amp maximum, fused circuit
Power Use	Less than 1/4 Amp
Enclosure	High-Impact polycarbonate with lockable door, stainless steel hardware, NEMA-4 rated
Size	9.7"h x 8.3"w x 6"d (24.6 cm x 21.2 cm x 15.2 cm)
Weight	8 lbs. (3.6 kg)
Warranty	Five-year limited warranty on entire controller, covering all defects in materials and workmanship