



CAT CONTROLLERS®
CAT 4000®
 AUTOMATED CONTROLLER

Wireless, Web-Based
 Water Quality Controller



COMMERCIAL AUTOMATION



**CAT 4000 Commercial Remote
 Water Quality Controller**

Using the CAT 4000 system you can easily log onto poolcomm.com to activate your wireless account and begin monitoring your water quality. Using your personal PoolComm® website you can view water quality data, print charts and graphs, customize your settings, and receive alarm notifications via email or SMS.

- Wireless link to the PoolComm site with extensive North American coverage and 24/7 monitoring
- Incredibly simple to install and operate via simple menus and a bright alphanumeric display
- Compatible with existing chemical feed equipment, so initial investment is minimized
- Comes complete with CAT Professional Series pH and ORP sensors for unsurpassed performance
- NSF/ANSI Standard 50

CAT 4000® AUTOMATED CONTROLLER

Commercial swimming pools, spas and water features

Marine and aquaculture applications

High-end residential pools

Lab, Industrial and Scientific Facilities

Revolutionize the way you manage your aquatic facility with wireless, web-based technology

Scan the QR code from your mobile device to experience what PoolComm® and CAT 4000 can do for you.



TECHNICAL SPECIFICATIONS

Enclosure:	7" x 7" x 2.3" glass-filled polycarbonate		
Interface:	UV Protected Lexan membrane switch		
Certifications:	UL94-5V (UL746 C5) NEMA type 1, 4, 4X, 6, 12, 13 NSF / ANSI Standard 50		
Display:	2 x 20 character vacuum fluorescent		
Keys:	Embossed with stainless tactile domes		
Display Range:	pH 1.0-9.9 / ORP 5-995 mV		
Flow Cell:	Injection molded with integral baffles Machined acrylic (optional)		
Backboard:	CNC machined and beveled PVC		
Flow Sensor:	Magnetic with embedded reed switch Digital rotary (optional)		
Communications:	Bi-directional wireless reflex		
Internet URL:	http://www.poolcomm.com		
Latency:	< 5 minutes per path		
Alarm Format:	Email, text message, visual, audible		
Safety Systems:	pH low and high alarms ORP low and high alarms pH priority feed Supplemental feed modes pH and ORP overfeed timeout Flow alarms	Mode Selections:	pH automatic / off / manual for 30 minute direct feed ORP automatic / off / manual for 30 minute direct feed pH feed - acid or base ORP mode - auto / set pH mode - auto / set / calibrate
Optional Equipment:	Optical level sensors Digital flow rate sensor Chemical feed systems Rotary flow sensor Remote dome antenna	Power Input:	USA - 15 Amp, 120 VAC 60 Hz Intl. - 10 Amp, 230 VAC 50/60 Hz
Set Point Range:	pH 7.0-8.0 ORP - 200-995 mV	Inputs:	CAT Professional Series pH sensor CAT Professional Series ORP sensor CAT magnetic flow sensor CAT rotary flow sensor Optical pH tank level sensor Optical ORP tank level sensor Optical water level sensor Digital flow meter
Control Accuracy:	pH +/- 0.1 pH ORP +/- 5.0 mV	Outputs:	pH feed, 4 Amp, 115 VAC ORP feed, 4 Amp, 115 VAC AUX - 1 - dry contact, 1 Amp max
Alarm Ranges:	pH - low 6.0 pH / high 9.0 pH ORP low 200 mV / high 995 mV	Auxiliary Outputs:	<i>Menu Based Programmability:</i> Remote alarm pH acid feed pH base feed ORP primary feed ORP supplemental feed Dechlorination control Water level control Level / flow sensor #1 Level / flow sensor #2 Level / flow sensor #3 Chlorine generator interface Time-based activation
		Warranty:	Controller - 5 year comprehensive warranty and technical support Sensors - 2 year warranty

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