



CAT 5000[®] Series

WIRELESS WATER CHEMISTRY CONTROLLER



5 YEAR WARRANTY

NSF

GLOBAL WIRELESS COVERAGE FOR TOTAL CONTROL FROM ANYWHERE.

Make commercial pool management infinitely easier with the CAT 5000[®] wireless water chemistry controller and the PoolComm[®] app. Complete with CAT Professional Series pH and ORP sensors, plus temperature control, CAT 5000 offers advanced product functionality and ease of use.



SUPERIOR CONVENIENCE

CAT 5000 is a powerful wireless, microprocessor-based, internet-equipped water quality controller. Together with the PoolComm app, CAT 5000 gives you the ability to monitor and maintain commercial water quality on any computer or mobile device from anywhere in the world.



AROUND-THE-CLOCK ACCESS

Stop spending time and money installing and maintaining dedicated analog phone lines. By leveraging three different communication protocols (Wi-Fi, cellular or satellite), CAT 5000 offers simple, reliable wireless system access 24/7.



SIMPLE INSTALLATION, ROBUST RESULTS

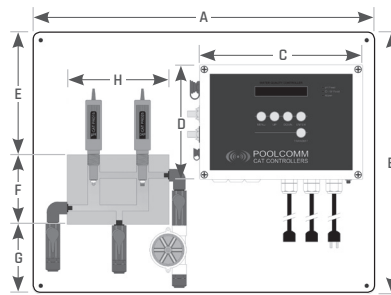
CAT 5000 is factory-assembled for easy installation and compatible with existing chemical feed equipment. Once you set up your PoolComm account, you can view water quality data, print charts, analyze graphs—even receive alarms via email or text.

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	Rotary flow sensor with magnetic reed style flow sensor* Machined acrylic**
Backboard	CNC machined and beveled PVC
Flow Sensor	Magnetic with embedded reed switch Digital rotary (optional)
Power Input	USA - 15 Amp, 120 VAC 60 Hz Intl. - 10 Amp, 230 VAC 50/60 Hz***
Communications	Cell, Wi-Fi and Satellite
Internet URL	poolcomm.com
Mobile App	Available for iPhone® and Android™ devices
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 and ORP overfeed timeout Temperature Flow alarms
Set Point Range	pH 7.0-8.0 ORP 200-995 mV
Control Accuracy	pH +/- 0.1 pH ORP +/- 5.0 mV
Alarm Ranges	pH - low 6.0 pH / high 9.0 pH ORP - low 200 mV / high 995 mV
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 Rotary flow sensor
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 Temperature
Outputs	pH feed, 4 Amp, 115 VAC ORP feed, 4 Amp, 115 VAC AUX - 1 - dry contact, 1 Amp max AUX - 2 - dry contact, 1 Amp max
Auxiliary Outputs	Menu Based Programmability: 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 Temperature Control
Warranty	5-year comprehensive warranty and technical support 2-year warranty on sensors

PART NUMBERS

PART NUMBERS	DESCRIPTION	CARTON	
		QTY	WEIGHT
CAT-5000-WIFI	CAT 5000® Standard Package* with Temp. - Wi-Fi	1	20 lbs.
CAT-5000-CELL	CAT 5000 Standard Package* with Temp. - Cell	1	20 lbs.
CAT5000SAT	CAT 5000 Standard Package* with Temp. - Satellite	1	20 lbs.
CATPP5000WIFI	CAT 5000 Professional Package** with Temp. - Wi-Fi	1	20 lbs.
CATPP5000CELL	CAT 5000 Professional Package** with Temp. - Cell	1	20 lbs.
CATPP5000SAT	CAT 5000 Professional Package** with Temp. - Satellite	1	20 lbs.
CAT5000WIFIUL	CAT 5000 Standard Package* with Temp. - Wi-Fi and UL Listed - No Power Cords	1	20 lbs.
CAT-5000-CELLUL	CAT 5000 Standard Package* with Temp. - Cell and UL Listed - No Power Cords	1	20 lbs.
CAT5000SATUL	CAT 5000 Standard Package* with Temp. - Satellite and UL Listed - No Power Cords	1	20 lbs.
CATPP5000WIFIUL	CAT 5000 Professional Package** with Temp. - Wi-Fi and UL Listed - No Power Cords	1	20 lbs.
CATPP5000CELLUL	CAT 5000 Professional Package** with Temp. - Wi-Fi and UL Listed - No Power Cords	1	20 lbs.
CATPP5000SATUL	CAT 5000 Professional Package** with Temp. - Wi-Fi and UL Listed - No Power Cords	1	20 lbs.



DIMENSIONS

(CAT 5000 Professional Package)

A	21"	E	7.5"
B	16"	F	4.25"
C	10"	G	4.25"
D	7"		

OPTIONAL EQUIPMENT

PART NUMBER	DESCRIPTION	CARTON	
		QTY	WEIGHT
HCSC110	Saline C® 11.0 Salt Chlorine Generator	1	50 lbs.
HCSC60	Saline C 6.0 Salt Chlorine Generator	1	25 lbs.
HCSJBOX-BU	Sanitizer Back-up Junction Box	1	3 lbs.
AC004	Standard CO ₂ System	1	7 lbs.
AQL-CHEM4-CHLOR	Complete Cl Chemical Feed System with 15-Gallon Tank and Containment Tray	1	24 lbs.
AQL-CHEM4-ACID	Complete pH Chemical Feed System with 15-Gallon Tank and Containment Tray	1	24 lbs.



CO₂ FEEDER



pH/Cl CHEMICAL FEED SYSTEMS



SALINE C® SYSTEM

*Standard Package includes Molded Flow Cell and Float-Style Flow Sensor

**Professional Package includes Machined Acrylic Flow Cell and Rotary Flow Sensor

***For international version and part number information, please contact your local Hayward® Sales Representative

» haywardcommercialpool.com » (301) 838-4001

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