



**5** YEAR  
WARRANTY

**NSF**

## POWERFUL, AFFORDABLE WATER CHEMISTRY MANAGEMENT.

Trusted by commercial pools, spas and waterparks around the world, the CAT 2000<sup>®</sup> constantly monitors pH and sanitizer activity to maintain safe and healthy water quality at all times. Compatible with chlorine, bromine and salt systems.



### POWERFUL CHEMISTRY CONTROL

CAT 2000 pairs CAT Professional Series pH and ORP sensors with a digital, microprocessor-based control interface to make commercial water quality management simple. Advanced control features, like proportional feed, help ensure that the water is always balanced and safe while reducing chlorine consumption.



### DURABLE DESIGN

Mounted on a durable PVC backboard, CAT 2000 also features a weatherproof membrane interface for maximum protection against the elements. The sensors are long lasting and low maintenance, and all factory settings are permanently stored in memory in case a reset is ever needed.



### PACKAGED FOR EASY INSTALLATION

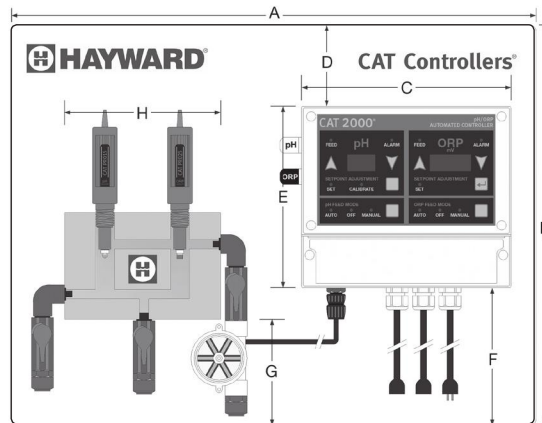
CAT 2000 (CAT-2000 and CAT-PP2000) includes the controller, sensors, a flow cell and a flow sensor, all factory assembled on a PVC backboard for easy installation. It's also compatible with all existing chemical feed systems—even salt chlorinators.

## TECHNICAL SPECIFICATIONS

Enclosure	7.25" x 8.25" x 2.63" 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	Light-emitting diode
Keys	Embossed with stainless tactile domes
Display Range	pH 1.0-9.9 / ORP 5-995 mV
Flow Cell	Injection-molded machined acrylic*
Backboard	CNC machined and beveled PVC
Flow Sensor	Float-style magnetic with embedded reed switch*
Power Input	USA - 15 Amp, 120 VAC 60 Hz Intl. - 10 Amp, 230 VAC 50/60 Hz**
Output Power	pH / ORP relays - 4 Amp, 120/230 VAC
Auxiliary Relay	AUX pH / ORP relays - dry contacts - 4 Amp
Communications	RS232 serial interface Remote alarm - dry contact relay - 4 Amp
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
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	RS232 serial interface cable 2 - lead low-voltage cable Thermal printer / data logger CO <sub>2</sub> feed systems (pH control)
Inputs	CAT Professional Series pH sensor CAT Professional Series ORP sensor CAT magnetic rotary - flow sensor CAT magnetic float - flow sensor Thermal printer / data logger
Outputs	pH acid feed pH base feed ORP sanitizer feed Chlorine generation interface Remote alarm Data output through RS232
Warranty	5-year limited warranty on controller 2-year warranty on sensors

## PART NUMBERS

PART NUMBERS	DESCRIPTION	CARTON	
		QTY	WEIGHT
CAT2000	CAT 2000® Standard Package*	1	15 lbs.
CAT-PP2000	CAT 2000 Professional Package***	1	20 lbs.



## DIMENSIONS

(CAT 2000 Professional Package)

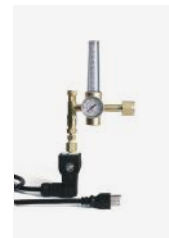
A	21"
B	16"
C	8.25"
D	4.5"
E	8"
F	16"
G	7"
H	3.125"

## 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.
AQL-CHEM4-ACID	Complete pH Chemical Feed System with 15 Gallon Tank and Containment Tray	1	24 lbs.
AQL-CHEM4-CHLOR	Complete Cl Chemical Feed System with 15 Gallon Tank and Containment Tray	1	24 lbs.
AC004	Standard CO <sub>2</sub> System	1	7 lbs.



pH/Cl CHEMICAL FEED SYSTEMS



CO<sub>2</sub> FEEDER




SALINE C® SYSTEM

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

\*\*For international version and part number information, please contact your local Hayward® sales representative

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

» [haywardcommercialpool.com](http://haywardcommercialpool.com) » (301) 838-4001

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COMMERCIAL AQUATICS