

WATER CHEMISTRY CONTROL MADE EASY.

Easy, cost saving water quality management

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



PROFESSIONAL PACKAGE



STANDARD PACKAGE



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.



EASE OF ACCESS & SIMPLE OPERATION

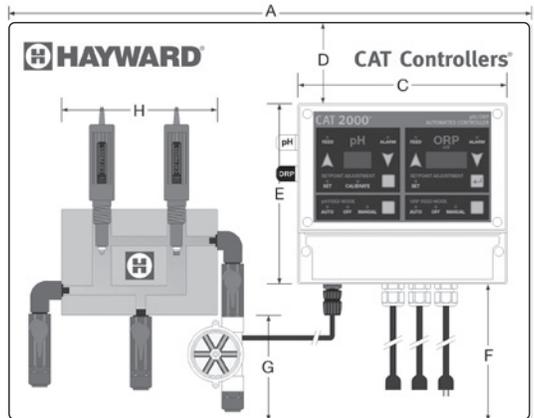
CAT 2000 (CAT-2000 and CAT-PP2000) includes the controller, sensors, a flow cell and a flow sensor, all factory assembled on a PVC backboard for easy installation. It's also compatible with all existing chemical feed systems—even salt chlorinators.

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	Standard Pack: Injection Molded Flow Cell - AC063 Professional Pack: Acrylic Flow Cell - AC075
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 pH Interlock
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 ₂ 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 1-year warranty on wearable items

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.
CAT-PP2000-AU	CAT2000 Professional Package† with Gold Tip ORP Sensor (Salt Application)	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.
PTC15	Variable Speed 50 GPD Chemical Feed Pump and 15 Gallon Tank Combo Kit	1	15 lbs.
PTC30	Variable Speed 50 GPD Chemical Feed Pump and 30 Gallon Tank Combo Kit	1	35 lbs.
AC004	Standard CO ₂ System	1	7 lbs.
AC005	High Output CO ₂ System (100,000 Gallons+)	1	7 lbs.
AC006	CO ₂ Auto Tank Swith Over System	1	6 lbs.
AC015	VAalve-Brass 110 VAC, 3/4 in (Erosion Feeder)	1	3 lbs.



pH/Cl CHEMICAL FEED SYSTEMS



CO₂ 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 » 1-800-HAYWARD

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 INNOVATION MADE EASY.