

# EZETROL CHLORINE AND pH CONTROLLER

## DATA SHEET



### PROFILE

*The Stranco Ezetrol chlorine & pH controller is the latest addition to the wide range of automatic chemical controllers which has been configured for swimming pool installations. The Ezetrol offers a chlorine measurement range from 0 -10.00mg/l. Utilising the Ezetrol chlorine measuring cell, which houses the pH and optional redox probe, the Ezetrol guarantees precise measurements in compliance with DIN 19643. Operation of the Ezetrol measuring cell without the need for buffer solutions ensures low cost of ownership and as the 3-electrode chlorine cell is hydro-mechanically cleaned, provides long term stability and low maintenance attendance.*

Available with or without mA outputs, the Ezetrol controller can be easily configured to provide options for simple 'read & feed' pool or spa chemical control through to totally monitored applications with analogue outputs providing remote display of measured values or printer output to a dot matrix printer for continuous text and graphics.

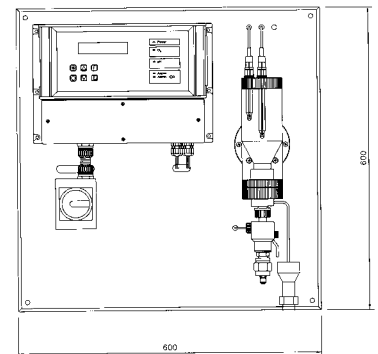
The Ezetrol clearly indicates system status and also provides pool operators with a unique '**swim safe**' at-a-glance LED alarm.



*Ezetrol Flow Cell*

- MODERN USER-FRIENDLY MICRO-PROCESSOR TECHNOLOGY WITH INTER-ACTIVE MENU ASSISTANCE
- BACKLIT ALPHANUMERIC DISPLAY
- UNIQUE '*swim safe*' ALARM
- SINGLE, USER DEFINED KEYBOARD ACCESS CONTROL
- OPTIONAL RS485 PRINTER OUTPUT
- TIMER PROTECTED MANUAL FEED OPERATION
- IP66 ENCLOSURE
- CE MARK (89/336/EEC)
- DIAGNOSIS MENU TO ASSIST MAINTENANCE AND INSTALLATION
- USER SELECTABLE MEASURING RANGES

FUNCTIONS:	Continuous micro-processor based monitoring and control of chlorine and pH		
DISPLAY:	Back-lit alphanumeric display of pool readings, parameter menu and alarm condition text		
ACCESS AND ADJUSTMENT METHOD:	Membrane Keys with single, user-defined, access code		
SENSING INPUTS:	Chlorine	Amperometric Free Chlorine Probe	
	pH	Glass Gel-filled Probe	
	Redox (optional)	Glass Gel-filled Probe	
SAMPLE FLOW CONTROL:	Pressure and Flow regulated for ' <i>to waste</i> ' or ' <i>return to system</i> '		
SET POINT RANGE/DISPLAY RANGE:	Chlorine	0 - 10.00mg/l	
	pH	4.00 - 9.00	
	Redox (optional)	0 - 1000 mV	
STANDARD CALIBRATION:	Chlorine	DPD single point calibration	
	pH	Phenol Red single point calibration	
	Redox (optional)	Single point buffer calibration	
PROPORTIONAL AND ON/OFF CONTROL:	Both channels selectable		
FEED MODE SELECTION:	pH & Chlorine	Auto/Manual	
OVERFEED LIMIT:	Both channels selectable (0 -10 hours in 0.1hr increments)		
MANUAL FEED PROTECTION:	Timer protection (0 -10 hours in 0.1hr increments)		
' <i>swim safe</i> ' ALARM:	Red/Green LED ' <i>swim safe</i> ' Indication		
FEED INDICATORS:	On/Off LED		
ALARM PARAMETERS:	pH, Chlorine & Redox	High & Low	LED
	Chemical Overfeed		LED
	No flow		LED
ALARM OUTPUTS:	2 individual relay channels with individual parameter selection		
ACID/ALKALI:	Bi-directional / Selectable		
REMOTE DISPLAY (OPTIONAL):	pH & Chlorine displays using (optional) analogue outputs		
PRINTER OUTPUT (OPTIONAL):	RS485 to dot matrix printer for continuous text and graphics with Printer Controller		
ANALOGUE OUTPUTS (OUTPUTS):	Chlorine	0(4)-20mA	0-10.00mg/l
	pH	0(4)-20mA	4.00 - 9.00
	Redox	0(4)-20mA	0 - 1000mV
DIMENSIONS:	600mm x 600mm		
ENCLOSURE:	IP66		
ELECTRICAL CIRCUITRY:	Input	6 amp 230v/1PH/50Hz	
	Outputs	5 amp AC dry contact relays	
WARRANTY:	Controller and Probes - 18 months		



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