

# DCC500 Pool Package

The **ProMinent® DCC500** pool package is the ideal system for monitoring and controlling water chemistry parameters on a pH and free chlorine basis in swimming pools.

## Applications

- Swimming pools.
- Retirement Village pools.
- Hotel pools.

## Package includes

- Compact Controllers (pH/chlorine).
- pH probe.
- Free chlorine probe.
- Probe holder & flow switch assembly.
- Inline filter assembly.
- 25m roll of sample line tube.

## Features & Benefits

- Single point calibration of probes.
- Provides optimum control of pH and chlorine levels.
- Pulse frequency relay for controlling metering pumps.
- Illuminated display.
- Backboard mounted, pre-wired and tested.
- Isolation of probes possible.
- Membraneless free chlorine probe.
- Power relays can be configured as alarms, limit values or pulses with modulated control outputs for metering pumps.
- Analogue outputs 0/4-20 mA for measurement/control output.
- Chemical dosing stops when no flow is detected through sample line.
- High quality, long lasting pH probe.
- Suitable for salt or freshwater chlorinated pools.



## Technical Data - DCC500 Pool Package

### DULCOMETER® Compact

Measurement range	pH: 0.00 ... 14	Chlorine: 0.05 - 5 ppm
Resolution	pH: 0,01 pH	Chlorine: 0.01 ppm
Control characteristic	P/PID	
Control	1-way controller with selectable control direction (raise/lower)	
Signal current output	1 x 0/4-20 mA galvanically isolated max. load 400 Ω	
Control outputs	Range and assignment (measured or actuating variable) can be set	
	1 pulse frequency output for control of the metering pump	
	1 relay (alarm or limit value relay or pulse length control)	
	1 x analogue output 0/4 ... 20 mA	
Electrical connection	90 - 253 V ~	
Ambient temperature	-10 ... +60 °C	
Enclosure rating	IP 67	

## DCC500 Pool Package Components

Description	Qty	Part No
COMPACT Controller pH	1	1035638
COMPACT Controller chlorine	1	1038546
pH probe	1	SP100-4330-DH
Chlorine probe CLB2-mA-5ppm	1	1038902
Probe holder & flow switch assembly	1	DGMA320T000
Probe cable	2	305030
Cable 2 core	1	A04001289
PVC 1/2" to 8 x 5 mm	2	PA07221061
PE tube 25m 8 x 5 mm	1	A25251004
Filter Assembly	1	P3240T0235-D
Backboard 600 x 500 White LDPE	1	A35082644
pH 4 buffer	1	506251
pH 7 buffer	1	506253
All mounted & with control cables for pumps		

## Package Dimensions

600 x 570 x 110 mm (H x W x D)

Weight 8.0kg (unpacked)

### ProMinent Fluid Controls Pty Ltd

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