

# DCC400 Pool Package



The **ProMinent® DCC400** pool package is the ideal system for monitoring and controlling water chemistry parameters on a pH and ORP basis in swimming pools.

## Applications

- Swimming pools
- Retirement Village pools
- Hotel pools

## Package Includes

- Compact Controllers [pH/ORP]
- pH & ORP probes
- CO<sub>2</sub> controller & injection assembly
- 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 relays for controlling metering pumps.
- Illuminated display.
- Backboard mounted, pre-wired and tested.
- Isolation of probes possible.
- High quality, long lasting pH & ORP probes.
- Power relays can be configured as alarms, limit values or pulses with modulated control outputs for metering pumps.
- Analogue output 0/4-20 mA for measurement/control outputs.
- Chemical dosing stops when no flow is detected through the sample line.
- Visual display of CO<sub>2</sub> flow.
- Adjustable CO<sub>2</sub> flow, up to 25 l/min.



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## Technical Data

Measurement range	pH: 0 .... 13 ORP: -1000 ... +1000 mV
Resolution	pH: 0.01 ORP: 1 mV
Control characteristic	Proportional
Controllers	2 x controllers with selectable control direction for pH and ORP
Signal outputs	2 x pulse frequency outputs for control of metering pumps 2 x relays [alarms or limit value relays or pulse length control]
Electrical connection	90 ... 253 V
Ambient temperature	5 ... 60°C
CO <sub>2</sub> gas flow	Up to 25 L/min [adjustable]
Enclosure rating	COMPACT IP 67 CO <sub>2</sub> controller IP 65

## Components

Description	Qty	Part No.
COMPACT Controllers [pH/ORP]	2	1035638
CO <sub>2</sub> controller	1	PA31002458
CO <sub>2</sub> fixed inline injector 1/2" BSPM	1	PA09751676
pH Probe	1	SP100-4330-DH
ORP Probe	1	SP100-4PB0-DH
Probe holder & flow switch assembly	1	DGMA320T000
Probe cables	2	305030
Cable 2 core	1	A04001289
Adaptor PVC 1/2" to 8 x 5mm	2	PA07221061
PE tube 25mm 8 x 5mm	1	A25251004
Filter assembly	1	P3240T0235-D
Backboard 600 x 600mm White LDPE	1	A250D3402
pH 4 Buffer	1	506251
pH 7 Buffer	1	506253

## Package Dimensions

- 600 x 600 x 180mm [H x W x D]
- Weight 9.0kg [unpacked]

## For Pools with Salt Chlorination

- DCC400SC Pool Package available on request.

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