

DCC300 Pool Package

The **ProMinent® DCC300** 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 probe
- ORP probe
- Probe holder & flow switch assembly
- Inline filter assembly
- 25 m 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.
- 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 outputs.
- Chemical dosing stops when no flow is detected through the sample line.
- High quality, long lasting pH & ORP probes.



ProMinent Fluid Controls Pty Ltd

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Technical Data - DCC300 Pool Package

Measurement range	pH: 0.00 ... 13	ORP: -1000 ... +1000 mV
Resolution	pH: 0.01 pH	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) 2 x analogue outputs 0/4-20 mA (measured/control)	
Electrical connection	90 ... 253 V	
Ambient temperature	5 ... 60°C	
Enclosure rating	IP 67	

DCC300 Pool Package Components

Description	Qty	Part No
COMPACT Controllers (pH/ORP)	2	1035638
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
PVC adaptors 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
Control cables	2	1001300

Package Dimensions

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

Weight: 8.0 kg (unpacked)

For Pools with Salt Chlorination

DCC300SC Pool Package available on request

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