

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

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.
- 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 sample line.
- High quality, long lasting pH & ORP probes.

Package Includes

- Compact Controller [pH/ORP]
- pH probe
- ORP probe
- Probe holder & flow switch assembly
- Inline filter assembly
- 25m roll of sample line tube

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Technical Data - DCC300 Pool Package

Measurement range	pH: 0 14	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 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 output 0/4-20 mA [measured/control]	
Electrical connection	90 ... 253 V	
Ambient temperature	5 ... 60°C	
Enclosure rating	IP 67	

Components - DCC300 Pool Package

Description	Qty	Part No.
COMPACT Controller [pH/ORP]	2	1035638
pH Probe	1	SP-100-4330-DH
ORP Probe	1	SP-4PB0-DH
Probe holder & flow switch assembly	1	DGMA320T000
Probe cables	2	1024105
Adaptor PVC 1/2" to 8 x 5mm	2	PA07221061
PE tube 25mm 8 x 5mm	1	A25251004
Filter assembly	1	3240T0235
Backboard 600 x 500mm 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 W x D]
- Weight 8.0kg [unpacked]

For Pools with Salt Chlorination

- DCC300SC Pool Package available on request.

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