

DCC600 Pool Package



The **ProMinent® DCC600** 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/ORP]
- pH probes & free chlorine probes
- CO₂ 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 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.
- Visual display of CO₂ flow.
- Suitable for salt or fresh water chlorinated pools.



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Technical Data

Measurement range	pH: 0 14 Chlorine: 0.05 - 5ppm
Resolution	pH: 0.01 pH Chlorine: 0.01 ppm
Control characteristic	P/PID
Controllers	1-way controller with selectable control direction (raise/lower)
Signal outputs	1 x 0/4-20 mA galvanically isolated max. load 400 Ω Range and assignment (measured or actuating variable) can be set
Control outputs	1x pulse frequency output for control of the metering pump 1x relay (alarm or limit value relay or pulse length control) 1x analogue output /4 ... 20mA
Electrical connection	90 - 253 V ~
Ambient temperature	-10 ... +60°C
Enclosure rating	IP 67
Enclosure rating	COMPACT IP 67 CO ₂ controller IP 65

Components

Description	Qty	Part No.
COMPACT Controllers pH	1	1035638
COMPACT controller chlorine	1	1038546
CO ₂ Controller	1	PA31002458
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 8x5mm	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 110mm [H x W x D]
- Weight 8.0kg [unpacked]

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