

diaLog500 Pool Package

The **ProMinent® diaLog500** pool package is the ideal system for monitoring and controlling water chemistry parameters on a pH and free chlorine basis in indoor swimming pools.

Applications

- Commercial Aquatic Centres.
- Learn to Swim pools.
- Hydrotherapy pools.

Package includes

- diaLog Controller (pH/chlorine).
- pH probe & free chlorine probes
- 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.
- Amperometric probe for accurate measurement of free available chlorine.
- 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.
- Water chemistry data is stored on a 512MB SD card.

ProMinent Fluid Controls Pty Ltd

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Technical Data - diaLog500 Pool Package

DULCOMETER diaLog DACa Controller

Measuring range	Chlorine 0 10ppm pH 0 14
Resolution	pH: 0.01 chlorine: 0.01ppm
Accuracy	0.3 % based on the full-scale reading
Control characteristic	P/PID control
Signal current output	3 x 0/4 ... 20 mA electrically isolated, max. load 450 Ω, range and allocation (measured, correction, control variable) can be set
Control outputs	2 x 2 pulse frequency outputs for metering pump control 2 relays (limit value, 3-point step or pulse length control) 2 x 0/4 ... 20 mA
Electrical connection	90-253 V, 50/60 Hz, 25 VA
Ambient temperature	5 ... 55 °C
Enclosure rating	IP 67

Components - diaLog500 Pool Package

Description	Qty	Part No
DULCOMETER diaLog Controller	1	DACA00612000010010EN
pH probe	1	SP100-4330-DH
Chlorine probe CLE3-mA-10ppm	1	792919
Probe holder & flow switch assembly	1	DGMA311T000
Probe cable	1	305030
Cable 2 core	2	A04001289
Adaptor 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

Package Dimensions

630 x 570 x 130 mm (H x W x D)

Weight 10.0kg (unpacked)

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QLD Office: Unit 1, 68 Murdoch Circuit
ACACIA RIDGE QLD 4110
Ph: (07) 3213 1900 Fx: (07) 3272 0445
Email: pfcqld@prominentfluid.com.au

Head Office: Unit 4, 4 Narabang Way
BELROSE NSW 2085
Ph: (02) 9450 0995 Fx: (02) 9450 0996
Email: sales@prominentfluid.com.au

VIC Office: 1/21-22 National Drive
HALLAM VIC 3803
Ph: (03) 8795 7430 Fx: (03) 8795 7431
Email: pfcvic@prominentfluid.com.au