diaLog500 Pool Package

ProMinent®

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.

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METERING | **MEASUREMENT & CONTROL TREATMENT** | **DISINFECTION** | **IMPLEMENTATION**

Technical Data - diaLog500 Pool Package

DULCOMETER diaLog DACb Controller

Measuring range	Chlorine	0 .... 10ppm
	pH	0 14
Resolution	pH: 0.01	chlorine: 0.01 ppm
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 output	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	DACBW006VA0000010010EN
pH Probe	1	SP100-4330-DH
Chlorine probe CLE3-mA-10ppm	1	792919
Probe holder & flow switch assembly	1	DGMA311T000
Probe cable	1	1024105
Adaptor PVC 1/2" to 8 x 5mm	1	PA07221061
PE tube 25mm 8 x 5mm	1	A25251004
Filter assemby	1	3240T0235
Backboard 600 x 500mm White LDPE	1	A35082644
pH 4 Buffer	1	506251
pH 7 Buffer	1	506253

Package Dimensions

- 630 x 570 x 130mm [H x W x D]
- Weight 10.0kg [unpacked]

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