

# diaLog700 Pool Package

**ProMinent®**



The **ProMinent® diaLog700** pool package is the ideal system for monitoring and controlling water chemistry parameters on a pH and free chlorine basis in outdoor 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 in the presence of cyanuric acid.
- 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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## Technical Data

### DULCOMETER diaLog DACb Controller

<b>Measuring range</b>	Chlorine 0 .... 10ppm pH 0 .... 14
<b>Resolution</b>	pH: 0.01 chlorine: 0.01 ppm
<b>Accuracy</b>	0.3% based on the full scale reading
<b>Control characteristic</b>	P/PID control
<b>Signal current output</b>	3 x 0/4 ... 20 mA electrically isolated, max. load 450 Ω, range and allocation [measured, correction, control variable] can be set
<b>Control output</b>	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
<b>Electrical connection</b>	90-253 V, 50/60 Hz, 25 VA
<b>Ambient temperature</b>	5 ... 55°C
<b>Enclosure rating</b>	IP 67

## Components

Description	Qty	Part No.
DULCOMETER diaLog Controller	1	DACBW006VA0000010010EN
pH Probe	1	SP100-4330-DH
Chlorine probe CTE1-mA-10ppm	1	40684
Probe holder & flow switch assembly	1	BAMAEU2211XXF01X000000EN
Probe cable	1	1024105
Adaptor PVC 1/2" to 8 x 5mm	1	PA07221061
PE tube 25mm 8 x 5mm	1	A25251004
Backboard 600 x 600mm White LDPE	1	A250D3402
pH 4 Buffer	1	506251
pH 7 Buffer	1	506253

## Package Dimensions

- 630 x 600 x 130mm [H x W x D]
- Weight 10.0kg [unpacked]

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