

diaLog700 Pool Package



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 - diaLog700 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 range | 3 x 0/4 ... 20 mA electrically isolated, max. load 450 Ω , 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 | 90-253V, 50/60 Hz, 25 VA | |
| Ambient temperature | 5 ... 55°C | |
| Enclosure rating | IP 67 | |

Components - diaLog700 Pool Package

| Description | Qty | Part No. |
|-------------------------------------|-----|------------------------|
| DULCOMETER diaLog Controller | 1 | DACBW006VA0000010010EN |
| pH Probe | 1 | SP100-4330-DH |
| Chlorine probe CTE1-mA-10ppm | 1 | 740684 |
| 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 assembly | 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]

■ SYDNEY OFFICE

Unit 4, 4 Narabang Way,
BELROSE NSW 2085
P 02 9450 0995 F 02 9450 0996
sales@prominentfluid.com.au

■ QUEENSLAND OFFICE

Unit 1, 68 Murdoch Circuit,
ACACIA RIDGE QLD 4110
P 07 3213 1900 F 07 3272 0445
pfcqld@prominentfluid.com.au

■ VICTORIA OFFICE

Unit 1/21-22 National Drive
HALLAM VIC 3803
P 03 8795 7430 F 03 8975 7431
pfcvic@prominentfluid.com.au

■ WESTERN AUSTRALIA OFFICE

Office 11, 34 Welshpool Road
Welshpool WA 6106
E: pfcwa@prominentfluid.com.au