

DCM 2 Series Controller

A Recreational and Attraction Water Chemistry Solution

The **ProMinent® DCM 2 Series** controller is the perfect partner for monitoring and controlling water chemistry parameters and processes in smaller pools, spas, hotels, motels and condos. The DCM 2 Series precision and uncompromising quality represent a world-class solution to ensure a safe and healthy water experience for patrons.

Application Specific Markets

- Residential pools
- Swimming pools
- Therapy pools
- Spray pads
- Hot tubs

Features & Benefits

- Automatic discrete control and flow adjustments of chemical dosing pump Proprietary sensor technology for pH & ORP
- Ethernet web-based real-time monitor and control via network-enabled PC, smart phone, iPad or tablet device Hydraulic compensation via true PID control
- Hydraulically advanced flowcell assembly
- USB host data log upload port

Ordering Information

- **DCM 200** - Controller Package for pH, ORP (P/N: 7761496)



ProMinent®

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DCM 2 Controller

Specifications

Specifications	Details
Operator Interface	
Remote	Fully interactive Ethernet TCP/IP graphical interface with security access codes
Local	2 line, 12 character LCD display, 5 buttons, 2 LEDs: Steady Blue = "OK", Flashing Blue = flow switch is in "Recovery Delay" after a flow interruption, Flashing Red = "Alarm"
Analog	
Sensors	pH, ORP and Temperature
Digital I/O	
Digital Inputs	2 (1Configurable)
Output / Control Relays	3 (10 A, assignable)
Digital Outputs	2 (assignable)
Control	
	On/Off
	P/PI/PID
	Time Modulated
	Event Timer
	Flow Restored delay (adjustable)
Communication	
	HTML server on board, standard
	USB port
	Standard Ethernet, Wireless EVDO Cellular, Optional WiFi for use with Smartphone /I-Pad
	HTML, Micro Web Server with user definable IP address
System	
Power	120 or 230 VAC, 50/60Hz, single phase
Fusing	5 amps @ 120 VAC or 2.5 Amps @ 230 VAC
Surge Suppression	Relay 2, 10 Amp N.O.
Accessory Power	12 VDC, Regulated, Thermally Fused @ 50 mA
Enclosure	Non-metallic, NEMA 4X
Memory integrity protection	Internal Flash parameter protection, and 5 year lithium Battery for RAM stored values
Warranty	
	5 years on electronics
	2 years on ORP, pH sensors
	1 year on all other parts