

PRIZMA[®]

Chemical Monitoring and Balancing for Private Pools & Spas

Automating the simplicity of the test strip technique for a clean pool all year round

Automatic, Real-time Chemical Balancing

The PRIZMA[®]'s revolutionary system automatically and accurately measures and balances the chlorine and pH levels in private pools and spas.

PRIZMA's state-of-the-art electro-optic technology yields accurate readings, utilizing a colorimetric-based test strip cartridge and eliminating the pH affect on chlorine measurements. pH and chlorine dosing is automatically activated according to the monitored levels to balance the pool.

Environmental and Personal Safety

PRIZMA[®] instantly identifies imbalances in the chemical levels and corrects them. Automatic and accurate chemical balancing prevents chemical overdosing as well as under-dosing, ensuring environmental and personal safety.

Cost-effective Operation

Quick and easy installation and seamless operation make the PRIZMA[®] an ideal tool for private pools and spas.

Accurate measurements reduce chemical usage, so users save money on expensive chemicals.

The PRIZMA's automatic self-calibration and minimized maintenance saves unnecessary pool maintenance.

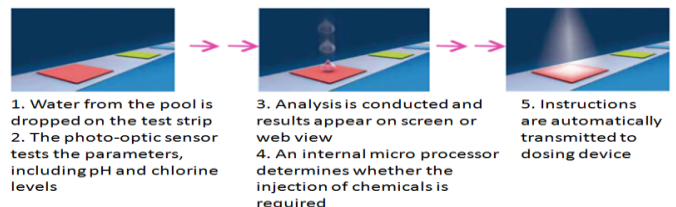
Smartphone Application



Whether using an iPhone or Android it is easy to download the **iPrizma** app and immediately start communicating with the PRIZMA[®], change settings and get advice on pool issues.



- Accurate and reliable measurements
- Free chlorine: 0.2 - 6.3 ppm
- pH: 6 - 9.1
- Calibration-free (test strip)
- Simple user-friendly menus and functions
- Easy maintenance (cartridge replacement)
- Meets IP-65 standards
- Optional remote web view and control



New!
iPrizma smartphone app for setup, reports and remote control



GENERAL	
Measurements	Colorimetric based, Free Chlorine & pH
Operation mode	Periodic & configurable 1, 2, and 3 times per day
Measurements range	pH: 6 - 9.1 Cl: 0.2 – 6.3ppm
Measurements accuracy	+/- 5%
Calibration	Automatic, after every measurement
Flow rate	60l/h (recycled into water source)
Test sample	10cc per test
Outside diameter of the fitting	6 mm
Pressure	Inlet 1 Bar max.
Number of tests	125 or 250 (Cl + pH)
COMMUNICATIONS	
Digital	RS-485
Relays or cables	1xpH pump , 1xCl pump , salt chlorinator or tablet chlorinator
Sensors	pH/Cl Tank Empty, External flow available
Alarms	7
TDU (Technical Device Unit)	Via RS-485
Modem	Via RS-485
WiFi	iPRIZMA® smartphone application
ELECTRICAL	
Input	110-120/210-240VAC; 60/50 Hz;
Power Consumption	15 VA max
MECHANICAL	
Dimensions	470mm x 330mm x 130mm 18.5"x12.9"x5.1"
Weight	3.60kg w/out dosing pumps 4.5kg with dosing pumps
ENVIRONMENTAL	
Operating Temperature	2°C to 55°C (35.6°F to 131°F)
Operating Humidity	1%-90% non-condensing
Enclosure type	IPx5
STANDARD COMPLIANCE	
FCC	FCC 47 CRF part 15 Subpart B Class B
Safety	CAN/CSA-C22.2 No. 61010-1 UL Std. No. 61010-1 AS/NZS 3136
CE	EN 61326-1 EN 61010-1:01



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