



**Fully-automated control unit with simultaneous readings, for pH, Redox and temperature.**



Fluidra Connect compatible

The new Guardian Pool combines traditional control and dosing elements with full digital value control, facilitating the management of the pool parameters and records in order to analyse or detect problems. To manage the data, Guardian Pool has an internal 4 MB memory, allowing us to store up to 16,000 records that can be consulted in data or graph format.

The data can be viewed on the 7" backlit high-resolution touch screen, downloaded through the USB port, that can also be used to update the firmware, via WiFi to control the equipment from any mobile device, Tablet or PC, or through the Fluidra Connect platform.

Guardian Pool is known for its high-performance control and regulation of chemical products used in public and private swimming pools.

## Main Features

Multilingual user interface, intuitive and easy to use, for calibrating measurements and dosing chemical products. In this model, simultaneous readings for pH, ORP and temperature.

Alarms per parameters.

Compatible with swimming pools treated with solid chlorine, liquid chlorine, bromine, ozone or saline electrolysis.

Chlorine measurement sensor that uses sodium hypochlorite, dichlor trichlor or saline chlorine, with a stable reader up to 500 ppm of isocyanuric acid.

Electrodes can be used to read bromine, peroxide, peracetic acid and ozone, adapting the display parameters on the screen.

Electrode support with LED lighting to identify malfunctions; blue: operating correctly; yellow: variable measuring alarm (pH, ORP, Free chlorine...); red: lack of water alarm.

Modular design.

### Technical Specifications

Measuring parameters of this model:

pH: range of measurement from 0.00 to 14.00

ORP: range of measurement from -1,000 to + 1,000 mV

Temperature: Range of measurement: 0.0...50.0 °C

2 control relays for the pH and chlorine parameters with 230 V, 50/60 Hz, 6 A.

1 control relay for ORP with 230 V, 50/60 Hz, 6 A.

1 control relay for temperature with 230 V, 50/60 Hz and the possibility to link it to the total chlorine or the combined chlorine.

2 potential-free alarm relays, with the possibility of linking them to any measurement, including flow, or to a general system alarm.

Dual output relay for each parameter, adjustable to outputs of 4-20 mA.

WiFi module with internal configuration of web server pages.

ModBus RS485 communications port compatible with Fluidra Connect.

The sensors signal inputs have galvanic isolation.

Proportional dosing adjustments in the proportional pump.

ABS housing with IP65 protection.

### Available Models

Model		Guardian Pool 1	Guardian Pool 2	Guardian Pool 3	Guardian Pool 4	Guardian Pool 5	Guardian Pool 6
		Chlorine 10 ppm	Chlorine 2 ppm	pH/ORP	pH/Chlorine 10 ppm	pH /ORP / °C / chlorine 10 ppm <sup>(1)</sup>	pH / ORP / °C free and total chlorine 10 ppm/ NTU <sup>(1)</sup>
Code		72700	72701	72703	72702	72704	72705
Water uses		Drinking water	Drinking water	Residential / Commercial swimming pools	PUBLIC SWIMMING POOL	PUBLIC SWIMMING POOL	PUBLIC SWIMMING POOL
Sensors	pH			√	√	√	√
	ORP <sup>(2)</sup>			√		√	√
	Temperature	√	√	√	√	√	√
	Free chlorine 2 ppm		√				
	Free chlorine 10 ppm	√			√	√	√
	Total chlorine 10 ppm						√
	Combined chlorine						√
	Turbidity 10 NTU						√

## Equipment Dimensions

