Control and automatic dosing

For public and residential pools

- Control Basic Plus
- Control Basic Next
- Optima and Optima Next dosing pumps
- Panels for the galvanic and amperometric control
Nowadays, who does not look for products that can facilitate oneself’s work? In the pools world there are many options that allow to automatically control the hard work of keeping the pool clean and in perfect conditions.

The automation of dosing and control of chemical products is a step forward from manual processes and is not incompatible with other treatments. With a Free Chlorine sensor or ORP and a pH electrode, concentration levels of the pool can be determined. These measures are analyzed by a controller, the user must first get optimal setpoints of Free Chlorine and pH.

Dosing through automatic control of Chlorine and pH
**CONTROL BASIC PLUS**

- **Dimensions:** 234 x 162 x 108 mm
- **Weight:** 1,5 kg
- **Power Supply:** 230 Vac with plug
- **Wall mounting installation or on a tank (with optional accessories)**
- **Display:** LCD 2 lines, 16 digits
- **Inputs and Outputs:**
  - Pt100 temperature Input (electrode not included)
  - Input for minimum level of chemical product
  - ON/OFF remote control Input (230 Vac)
  - Alarm Relay 250 Vac 10A
  - Output Relay for external element 250 Vac 10A (incl. solenoid valve)
  - Power switch
  - Modbus RTU communication protocol

One system for pH or ORP electrodes are sold separately

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**CONTROL BASIC NEXT**

- **Dimensions:** 19 x 155 x 123 mm
- **Weight:** 1 kg
- **Power Supply:** 230 Vac without plug
- **Wall mounting installation or on a tank (with optional accessories)**
- **Display:** LCD 2 lines, 8 digits
- **Inputs and Outputs:**
  - Pt100 temperature Input (electrode not included)
  - Input for minimum level of chemical product
  - ON/OFF remote control Input (230 Vac)

The new Series NEXT includes the pH and ORP electrode, depending on the chosen version.

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**REDOX BASIC EV PLUS**

- **Dimensions:** 234 x 162 x 108 mm
- **Weight:** 1,5 kg
- **Power Supply:** 230 Vac with plug
- **Wall mounting installation or on a tank (with optional accessories)**
- **Display:** LCD 2 lines, 16 digits
- **Inputs and Outputs:**
  - Pt100 temperature Input (electrode not included)
  - Input for minimum level of chemical product
  - ON/OFF remote control Input (230 Vac)
  - Alarm Relay 250 Vac 10A
  - Output Relay for external element 250 Vac 10A (incl. solenoid valve)
  - Power switch
  - Modbus RTU communication protocol

One system for pH or ORP electrodes are sold separately.

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**REDOX BASIC EV NEXT**

- **Dimensions:** 19 x 155 x 123 mm
- **Weight:** 1 kg
- **Power Supply:** 230 Vac without plug
- **Wall mounting installation**
- **Display:** LCD 2 lines, 8 digits
- **Inputs and Outputs:**
  - ON/OFF remote control Input (230 Vac)

The new Series NEXT includes the ORP electrode.

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**Electrode con Soluciones de Calibración**

- 36304: pH kit with pH4 and pH7 buffer solutions
- 36405: ORP kit with 465mV buffer solutions

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**Fluidra Connect Compatible.** System compatible with the Fluidra Connect platform.
### CONTROL BASIC DOBLE pH - EV

**Dimensions:** 234 x 162 x 108 mm  
**Weight:** 1 kg  
**Power Supply:** 230 Vac without plug  
**Display:** LCD 2 lines, 16 digits  
**Inputs and Outputs:**  
- PT100 temperature input (electrode not included)  
- Input for minimum level of chemical product  
- ON/OFF remote control input (230 Vac)  
- Alarm Relay 250 Vac 10A for pH  
- General alarm Relay  
- Power Switch  

**Items included with the Control Basic doble pH-EV system:**  
- pH electrode with 6m cable  
- ORP electrode with 6m cable  
- pH4, pH7 and 465mV buffer solutions  
- pH and ORP electrode supports  
- 2 DN50 clamp saddles  
- Multilingual instruction manual  

#### Control Basic doble pH - EV

- 66158: Control Basic doble pH - EV 5 l/h x 10 bar with pH and ORP electrode, and buffer solutions.

#### Serie Control Basic doble pH - EV Plus

- 66164: Control Basic doble pH - EV 1.5 l/h with pH and ORP electrode, and buffer solutions.

* Modbus RTU communication protocol.

### OPTIMA MAN

**Dimensions:** 237.5 x 233.5 x 109 mm  
**Weight:** 1.5 kg  
**Power Supply:** 230 Vac with electrode  
**Wall mounting installation:** (accessories are included)  
**Double regulation:** 0-100% or 0-20%  
**Inputs and Outputs:**  
- Input for minimum level of chemical product  
- Power Switch

### OPTIMA MAN NEXT

**Dimensions:** 191 x 155 x 131 mm  
**Weight:** 1 kg  
**Power Supply:** 230 Vac without plug  
**Wall mounting installation:** (accessories are included)  
**Double regulation:** 0-100%

### CONTROL BASIC DOBLE pH - EV

**Dimensions:** 234 x 162 x 108 mm  
**Weight:** 1 kg  
**Power Supply:** 230 Vac without plug  
**Display:** LCD 2 lines, 16 digits  
**Inputs and Outputs:**  
- PT100 temperature input (electrode not included)  
- Input for minimum level of chemical product  
- ON/OFF remote control input (230 Vac)  
- Alarm Relay 250 Vac 10A for pH  
- General alarm Relay  
- Power Switch  

**Items included with the Control Basic doble pH-EV system:**  
- pH electrode with 6m cable  
- ORP electrode with 6m cable  
- pH4, pH7 and 465mV buffer solutions  
- pH and ORP electrode supports  
- 2 DN50 clamp saddles  
- Multilingual instruction manual  

#### Control Basic doble pH - EV

- 57132: Optima MAN pH 5 l/h / 10 bar - 0 l/h / 2 bar (electrode not included).
- 57133: Optima MAN pH 10 l/h / 10 bar - 10 l/h / 1 bar (electrode not included).
- 57135: Optima MAN pH 15 l/h / 5 bar - 40 l/h / 2 bar (electrode not included).

* Modbus RTU communication protocol.

### OPTIMA MAN NEXT

**Dimensions:** 191 x 155 x 131 mm  
**Weight:** 1 kg  
**Power Supply:** 230 Vac without plug  
**Wall mounting installation:** (accessories are included)  
**Double regulation:** 0-100%
**Dimensions:** 237.5 x 233.5 x 109 mm  
**Weight:** 1.5 kg.  
**Power Supply:** 230 Vac with plug  
Wall mounting installation (accessories are included)  
Optionally with fixing bracket on the tank (code 36830)

**Display:** LCD 2 lines, 16 digits  
**Inputs and Outputs:**  
- Visualisation in pulses/minute, l/h, gal/h, …  
- Input for minimum level of chemical product  
- Analogical Input 0/4…20 mA or vice versa  
- Pulse Input for proportional dosing with a pulse-sender water meter  
- ON/OFF Remote control  
- Dosing probe Input (optional)

**Dimensions:** 191 x 155 x 131 mm  
**Weight:** 1 kg.  
**Power Supply:** 230 Vac without plug  
Wall mounting installation (accessories are included)  
Display: LCD 2 lines, 8 digits  
**Inputs and Outputs:**  
- Visualisation in pulses/minute  
- Input for minimum level of chemical product  
- Analogical Input 0/4…20 mA or vice versa  
- Pulse Input for proportional dosing with a pulse-sender water meter  
- ON/OFF Remote control

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**OPTIMA pH/ORP**

**Dimensions:** 237.5 x 233.5 x 109 mm  
**Power Supply:** 230 Vac with plug  
Wall mounting installation (accessories are included)  
Optionally with fixing bracket on the tank (code 36830)

**Display:** LCD 2 lines, 16 digits  
**Inputs and Outputs:**  
- Pt100 temperature Input (electrode not included)  
- Level control Input  
- Dosing probe Input (optional)  
- Pulse-sender water meter Input  
- ON/OFF Remote control  
- Alarm Relay Output  
- 4...20mA Output for measurement repeatability without galvanic isolation  
- Comunicaciones Modbus RTU

**One system for pH or ORP, electrodes sold separately**

**Electrodes with Buffer Solutions**

- **60104** Kit pH con solución patrón pH7  
- **60105** Kit ORP con solución patrón 465mV

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**OPTIMA pH/ORP NEXT**

**Dimensions:** 191 x 155 x 131 mm  
**Power Supply:** 230 Vac without plug  
Wall mounting installation (accessories are included)  
Display: LCD 2 lines, 8 digits  
**Inputs and Outputs:**  
- Pt100 temperature Input (electrode not included)  
- Level control Input  
- ON/OFF Remote control

**Optima pH/ORP Next**

**Kit pH con solución patrón pH7**

**Kit ORP con solución patrón 465mV**

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**Fluidra Connect Compatible.**

System compatible with the Fluidra Connect platform.

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**Optima Pro**

- **57136** Optima PRO Tipo A (5 l/h / 10 bar - 10 l/h / 2 bar)  
- **57137** Optima PRO Tipo C (10 l/h / 10 bar - 18 l/h / 1 bar)  
- **57138** Optima PRO Tipo D (20 l/h / 5 bar - 40 l/h / 2 bar)

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**Optima Pro Next**

- **60165** Optima PRO NEXT (5 l/h / 10 bar - 5 l/h / 8 bar)
PANELS FOR GALVANIC CONTROL

- pH measure range: 0.0 – 14.00
- ORP measure range: -1500mV – +1500mV
- Temperature measure range: -5 – 50ºC
- Relay 230V 50/60Hz for pH and ORP pumps activation
- Relay 230V 50/60Hz for Temperature control
- Timed Relay 230V 50/60Hz
- Frequency Output from 20 to 160 pulses/min for pH and ORP pumps activation
- 0/4 – 20mA Output for measurement repeatability of pH and ORP
- Powered ON/OFF Input
- Input for minimum level of pH and ORP
- General alarm Relay
- RS485 MODBUS Output
- Sampling absence detector
- Fine flow control valve
- Integrated flow meter
- pH7, pH4 and 465mV buffer solutions
- Manual portable pH and Free Chlorine meter
- pH and ORP electrodes included
- pH100 sensor

66177
Control Panel pH / Galvanic Free Chlorine / Temperature

- Free Chlorine measure range: 0.00 – 5.00 ppm
- Temperature measure range: -5 – 50ºC
- Relay 230V 50/60Hz for Chlorine pump activation
- Relay 230V 50/60Hz for Temperature control
- Timed Relay 230V 50/60Hz
- Frequency output from 20 to 160 pulses/min for Chlorine pump activation
- 0/4 – 20mA Output for measurement repeatability of Chlorine
- Powered ON/OFF Input
- Input for minimum level of Chlorine
- General alarm Relay
- RS485 MODBUS Output
- Sampling absence detector
- Free flow control valve
- Integrated flow meter
- 5” filter with 80 micron filter cartridge and mounting bracket
- pH7, pH4 and 656mV buffer solutions
- Manual portable pH and Free Chlorine meter
- pH, ORP and Galvanic Free Chlorine electrodes included
- pH100 sensor

Fluidra Connect Compatible. System compatible with the Fluidra Connect platform.
PANELS FOR AMPEROMETRIC CONTROL

- pH measure range: 0.0 - 14.00
- Free Chlorine measure range: 0.00 – 5.00 ppm
- Temperature measure range: -5 - 50ºC
- Relay 230V 50/60Hz for pH and Free Chlorine pumps activation
- Relay 230V 50/60Hz for Temperature control
- Timed Relay 230V 50/60Hz
- Frequency output from 20 to 160 pulses/min for pH and Chlorine pumps activation
- 0/4 - 20mA Output for measurement repeatability of pH and Chlorine
- Powered ON/OFF input
- Input for minimum level of pH and Chlorine
- General alarm Relay
- RS485 MODBUS Output
- Sampling absence detector
- Fine flow control valve
- Integrated flow meter
- 5” filter with 80 micron filter cartridge and mounting bracket
- pH7, pH4 and 465mV buffer solutions
- pH and Amperometric Free Chlorine electrodes included
- pH 100 sensor

- pH measure range: 0.0 - 14.00
- ORP measure range: -1500mV - +1500mV
- Free Chlorine measure range: 0.00 – 5.00 ppm
- Temperature measure range: -5 - 50ºC
- Relay 230V 50/60Hz for pH and Free Chlorine pumps activation
- Relay 230V 50/60Hz for Temperature control
- Timed Relay 230V 50/60Hz
- Frequency output from 20 to 160 pulses/min for pH and Chlorine pumps activation
- 0/4 - 20mA Output for measurement repeatability of pH and Chlorine
- Powered ON/OFF input
- Input for minimum level of pH and Chlorine
- General alarm Relay
- RS485 MODBUS Output
- Sampling absence detector
- Fine flow control valve
- Integrated flow meter
- 5” filter with 80 micron filter cartridge and mounting bracket
- pH7, pH4 and 465mV buffer solutions
- pH, ORP and Amperometric Free Chlorine electrodes included
- pH 100 sensor

Fluidra Connect Compatible. (Machine compatible with the Fluidra Connect platform)