ASTRALPOOL ®

Контроль и атвоматичес кая дозация

Для общественных и частных бассейнов

- ▶ Control Basic Plus
- ▶ Control Basic Next
- ▶ Optima **и** Optima Next

- ▶ Панели для гальванического и амперометрического контроля

CONTROL BASIC PLUS

234 x 162 x 108

: 1,5 kg.

...   230

(.   )

(2   ), 16

:
• Pt100   (   )
•
•   /   (230   )
•   250   10A
• Output Relay for external element 250 Vac 10A
  (ex. solenoid valve)
• Power switch
• Modbus RTU communication protocol

One system for pH or ORP, electrodes are sold separately

Control Basic Plus Series

66159 *	Control Basic PLUS 1,5 l/h / 1,5 bar (electrode not included)
66160 *	Control Basic PLUS 5,0 l/h / 1,5 bar (electrode not included)

*Codes that replace the old Control Basic 57129 and 57130 respectively.

Electrodo con Soluciones de Calibración

36004	pH kit with pH4 and pH7 buffer solutions
36005	ORP kit with 465mV buffer solution

CONTROL BASIC NEXT

Dimensions: 191 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 pH and ORP electrode, depending on the chosen version.

Serie Next

66156	Control Basic pH SPA NEXT 0,4 l/h / 1,5 bar with pH electrode and pH 4 and pH 7 buffer solutions
66157	Control Basic ORP SPA NEXT 0,4 l/h / 1,5 bar with ORP electrode and 465 mV buffer solution
66162	Control Basic pH NEXT 1,5 l/h / 1,5 bar with pH electrode and pH 4 and pH 7 buffer solutions
66163	Control Basic ORP NEXT 1,5 l/h / 1,5 bar with ORP electrode and 465 mV buffer solution
66336	Control Basic pH NEXT 3 l/h / 1,5 bar with pH electrode and pH 4 and pH 7 buffer solutions
66337	Control Basic ORP NEXT 3 l/h / 1,5 bar with ORP electrode and 465 mV buffer solution

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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
  (ex. solenoid valve)
• Power switch
• Comunicaciones Modbus RTU

One system for pH or ORP, electrodes are sold separately

Redox Basic EV PLUS Series

66161 *	Control Redox Basic EV PLUS (electrodo no incluido)

* Code that replaces the old Redox Basic EV 57131.

Electrodes with Buffer Solutions

36004	pH kit with pH 4 and pH 7 buffer solutions
36005	ORP kit with 465mV buffer solution

REDOX BASIC EV NEXT

Dimensions: 191 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,

Redox Basic EV Next Series

66174	Redox basic EV Next with ORP electrode with 465 mV buffer solution

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

Wall mounting installation (accessories are included)

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
- Alarm Relay 250 Vac 10A for ORP
- 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

Fluidra Connect Compatible.
Equipo compatible con la plataforma Fluidra Connect

Control Basic Double pH - EV	
66158	Control Basic Doble pH - EV SPA 0,4 l/h with pH and ORP electrode, and buffer solutions
64983	Control Basic Doble pH - EV 1,5 l/h with pH and ORP electrode, and buffer solutions

Serie Control Basic doble pH-EV Plus	
66180 *	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) or optionally with fixing bracket on the tank (code 36830)

Double regulation: 0-100% o 0-20%

Inputs and Outputs:
- Input for minimum level of chemical product
- Power Switch

Optima Man	
57132	Optima MAN Tipo B (5 l/h / 10 bar – 8 l/h / 2 bar) (electrode not included)
57133	Optima MAN Tipo C (10 l/h / 10 bar – 18 l/h / 1 bar) (electrode not included)
57135	Optima MAN Tipo D (20 l/h / 5 bar – 40 l/h / 2 bar) (electrode not included)

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)

Regulation 0-100%

Optima Man Next	
66164	Optima MAN NEXT (3 l/h / 10 bar - 5 l/h / 8 bar) (electrode not included)

![ASTRALPOOL logo]

OPTIMA PRO

Dimensions: 237, 5x 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 through pulse-sender water meter
- ON/OFF Remote control
- Dosing probe Input (optional)

OPTIMA PRO NEXT

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

OPTIMA pH/ORP

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 a 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 are sold separately

OPTIMA pH/ORP NEXT

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:
- Pt100 temperature Input (electrode not included)
- Level control Input
- ON/OFF Remote control

One system for pH or ORP, electrodes are sold separately

Optima Pro	
57136	Optima PRO Tipo B (5 l/h / 10 bar – 8 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)

Optima Pro Next	
66165	Optima PRO NEXT (3 l/h / 10 bar – 5 l/h / 8 bar)

Optima pH/ORP	
66179 * NN	Optima PRO Tipo C (10 l/h / 10 bar – 18 l/h / 1 bar) (electrode not included)

* New product code that substitutes the former Optima pH/ORP (code 57131).

Optima pH/ORP Next	
66166	Optima pH/ORP NEXT (3 l/h / 10 bar – 5 l/h / 8 bar) (electrode not included)

Electrodes with Buffer Solutions	
36004	Kit pH con solución patrón pH4 y pH7
36005	Kit ORP con solución patrón 465mV

Fluidra Connect Compatible.
System compatible with the Fluidra Connect platform

PANELS FOR GALVANIC CONTROL

66178 Control Panel pH / ORP / Temperature

- 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
- 5" filter with 80 micron filter cartridge and mounting bracket
- pH7, pH4 and 465mV buffer solutions
- Manual portable pH and Free Chlorine meter
- pH and ORP electrodes included
- pT100 sensor

66177 Control Panel pH / Galvanic Free Chlorine / Temperature

- 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 Free 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
- Manual portable pH and Free Chlorine meter
- pH and galvanic Free Chlorine electrodes included
- pT100 sensor

66176 Control Panel pH / ORP / Free Chlorine / Temperature

- 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, ORP and Chlorine
- Powered ON/OFF Input
- Input for minimum level of pH and Free 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
- Manual portable pH and Free Chlorine meter
- pH, ORP and Galvanic Free Chlorine electrodes included
- pT100 sensor

66175 Control Panel pH / ORP / Free Chlorine / Total 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
- Fine flow control valve
- Integrated flow meter
- 5" filter with 80 micron filter cartridge and mounting bracket
- 465mV buffer solution
- Manual portable Free Chlorine meter
- Electrode galvanic Free Chlorine included
- pT100 sensor

Fluidra Connect Compatible.
System compatible with the Fluidra Connect platform

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PANELS FOR AMPEROMETRIC CONTROL

66168 — Control Panel pH / Free Chlorine / Temperature

- 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
- Manual portable pH and Free Chlorine meter
- pH and Amperometric Free Chlorine electrodes included
- pT100 sensor

66169 — Control Panel pH / ORP / Free Chlorine / Temperature

- 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, ORP 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
- Manual portable pH and Free Chlorine meter
- pH, ORP and Amperometric Free Chlorine electrodes included
- pT100 sensor

66170 — Control Panel pH / ORP / Free Chlorine / Total Chlorine / Temperature

- 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
- Manual portable pH et and Free Chlorine meter
- pH, ORP, Amperometric Free Chlorine and Total Chlorine electrodes included
- pT100 sensor

68215 — Controller pH / Bromo / Temperatura

- pH measurement range of 0.0—14.00
- Bromine measurement range of 0.00—10.00 ppm
- Temperature range: -5—50 ºC
- 230 V 50/60 Hz pH and bromine pump relay switch
- 230 V 50/60 Hz temperature relay switch
- 230 V 50/60 Hz timer relay switch
- pH and bromine pump output frequency switch of 20—160 pulses/min
- pH and bromine repeat measurement output of 0/4—20 mA
- On/off power input
- Minimum pH and bromine level input
- General alarm relay switch
- Modbus-compatible RS485 output
- Empty sample detector
- Fine-tune flow control valve
- Built-in rotameter
- 5" filter with 80-micron filter cartridge and mounting bracket
- pH 7, pH 4 and 465 mV calibration solutions
- Hand-held pH and bromine meter
- Amperometric pH and bromine electrode included
- pT100 sensor

Fluidra Connect Compatible.
System compatible with the Fluidra Connect platform

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